

**LEICESTERSHIRE & RUTLAND
ENTOMOLOGICAL SOCIETY**

**VC55: Terrestrial
Heteroptera**

Part 2: Provisional Checklist



Forget-me-not Shieldbug Sehirus luctuosus (AC)

Sue Timms, Kate Nightingale & Alan Cann

suetimms@clara.co.uk; kate.h.nightingale@gmail.com;
alan.cann@gmail.com

**Occasional Publications Series 64
(October 2024)**

ISSN 0957 - 1019

INTRODUCTION

The order in which species appear in the VC55 checklist is provisional. Since the publication of Southwood & Leston (1959), there has been much revision of Heteroptera taxonomy and the UK list has been restructured.

In the VC55 checklist of 147 species (below), families follow the order used on the British Bugs website gallery pages. Anthocoridae, Cimicidae and Microphysidae do not have gallery pages, so we have inserted them after Nabidae as in Southwood & Leston. This family order is almost the same as that used in Southwood & Leston but there are differences within the Pentatomoidea (Shieldbugs).

Within families, species follow the British Bugs website gallery order. However, note that not all families and species have an entry in the gallery pages on the site; in the Anthocoridae, Cimicidae and Microphysidae, the Southwood & Leston order is followed.

Lygaeidae is divided into sub-families; most species are within the Rhyparochrominae.

Miridae is a very large family covering about half of the VC55 species, and there have been significant changes in taxonomy since Southwood & Leston. Following the order set out on the website, we have divided it into Subfamilies – Tribes, and the order of species follows that on the website (<https://www.britishbugs.org.uk/gallery/heteroptera/Miridae/miridae.html> accessed on 26th May 2024)

Aradidae (Flatbugs)	Piesmatidae (Beetbugs)
Acanthosomatidae (Shieldbugs)	Tingidae (Lacebugs)
Scutelleridae (Shieldbugs)	Reduviidae (Assassin bugs)
Cydnidae (Shieldbugs)	Nabidae (Damsel bugs)
Thyreocoridae (Shieldbugs)	Anthocoridae (Flower bugs or Pirate bugs)
Pentatomidae (Shieldbugs)	Cimicidae (Bed bugs)
Coreidae (Squashbugs)	Microphysidae
Rhopalidae (Rhopalid bugs)	Miridae (Plant bugs)
Lygaeidae (Groundbugs)	Bryocorinae – Bryocorini
Lygaeinae	Bryocorinae - Dicyphini
Orsillinae	Deraeocorinae - Deraeocorini
Ischnorhynchinae	Mirinae - Mirini
Cyminae	Mirinae - Stenodemini
Blissinae	Orthotylinae - Halticini
Artheneinae	Orthotylinae - Orthotylini
Heterogastrinae	Phylinae - Pilophorini
Rhyparochrominae	hylinae – Phylini
Berytidae (Stiltbugs)	

Some additions to the UK list since Southwood & Leston are summarised in Ryan (2012).

For synonyms, the reader is referred to the NBN atlas <https://nbnatlas.org/> or to the 2021 UK checklist at https://www.britishbugs.org.uk/systematic_het.html.

Saldidae (Shore-bugs) are covered by the national Aquatic Heteroptera scheme and have not been included in this document.

NOTES

Full data has been sent to Leicestershire and Rutland Environmental Records Centre.

Checklist is based on records up to December 31st 2023 (if data available before June 2024).

With a few exceptions for notable species, records have either been confirmed from a photo or a specimen by a local/national expert, or are presumed to be correct due to the known experience of the recorder and/or determiner, or ease of identification.

LESOPS 64: Terrestrial Heteroptera Provisional Checklist

See **Part 1: Recorders and Recording (LESOPS 63)** for more on record verification, sources and recorders.

Some records could not be assigned to a tetrad because location was too broad e.g. 'Leicestershire', 'Charnwood Forest', etc.

When an observation is recorded to a year range, the start year has been used.

Details of 'First' and 'Last' records and 'First after 1960' are given for each species, as appropriate; additional details for species found in less than 10 tetrads or otherwise considered notable.

ID difficulty (Red-Amber-Green) as used by NatureSpot; refer to NatureSpot's Bug galleries for more information on species in VC55 <https://www.naturespot.org.uk/>.

National status and additional notes taken from British Heteroptera checklist (2021) [https://www.britishbugs.org.uk/systematic_het.html] and 'British Bugs' website gallery pages.

Local status descriptions are provisional; true status is affected by lack of systematic recording of some habitats and identification difficulty for other species which may lead to under-recording or mis-recording.

Habitats/Associated plants – notes compiled from various sources, including: 'British Bugs' website, Southwood & Leston (1959), Pantheon [<https://pantheon.brc.ac.uk/>], Peter Kirby's key to Anthocoridae (unpubl., 2015), Bladmineerders - Plant Parasites of Europe [<https://bladmineerders.nl>], GBIF - Global Biodiversity Information Facility [<https://www.gbif.org>], BRC - Database of Insects and their Food Plants [<https://dbif.brc.ac.uk>] and the Joint VC55 co-ordinators' own experience.

ABBREVIATIONS

Bedwell & Masee = Bedwell, E.C. & Masee, A.M. (1945). The county distribution of the British Hemiptera-Heteroptera. *Entomologists Monthly Magazine*, **81**, 153-273.

Butler = Butler, E.A. (1923). *A Biology of the British Hemiptera-Heteroptera*. Witherby

Douglas & Scott = (1865). *The British Hemiptera Vol 1. Hemiptera-Heteroptera*. Ray Society.

C&E 73 = Clements H.A.B. & Evans I.M. (1973). Leicestershire Bugs. *Transactions of the Leicester Literary & Philosophical Society*, **67**, 50-68.

DaNES = Derbyshire & Nottinghamshire Entomological Society database, maintained until his death by the previous VC55 County Recorder, D Budworth

H&DNHS – Hinckley & District Natural History Society

Leics Museum = collections held by Leicestershire Museums Service at Barrow stores

LNC = Loughborough Naturalists' Club archive

LRERC = Leicestershire & Rutland Environmental Records Centre, archive and database

LRWT = Leicestershire & Rutland Wildlife Trust

Masee = updated County lists, 1955. *Entomologists' Monthly Magazine*, 91. 7-27.

NELCS = North-east Leicestershire Coalfield Survey (Leics Museums Service), 1978

NBN = National Biodiversity Network

Ecol. of a garden = Jenny Owen's card index used for the 'Ecology of a Garden' and sequel (1991/2020)

Saunders = Saunders, E (1875). *The Hemiptera-Heteroptera of the British Islands*. Reeve.

Terr.Het.cards = Terrestrial Heteroptera card index set up by Derek Lott and held by Leicestershire Museums Service

VCH = Bouskell, F. (1907). *The Hemiptera-Heteroptera. Victoria History of the County of Leicestershire*.

References - see Part 1: Recorders and Recording

Photographs - All photos by the authors, unless otherwise stated.

Aradidae (Flatbugs)

UK – 7 species

VC55 – 2 species

These are extremely flattened bugs, mostly living under bark and with mouthparts modified for feeding on fungi. They are not often seen and are rarely recorded in VC55.



Aneurys avenius (Mark Skevington)

Aneurys (Aneurodes) avenius (Dufour, 1833)

Number of records = 4, Number of tetrads = 4

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common, widely distributed

VC55 status (provisional): few records, probably under-recorded

Habitat: under bark of dead trees affected by fungus

Associated plant(s): native deciduous tree species

Records:

* First VC55: Ketton Quarry, 2014, M. Skevington, NatureSpot

** Last VC55: Rutland Water, 2022, T. Sexton, NatureSpot
2021 (Rutland Water, T. Sexton, NatureSpot)

Aradus depressus (Fabricius, 1794)

Number of records = 19, Number of tetrads = 14

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: local, widely distributed

VC55 status (provisional): uncommon

Habitat: under bark of trees affected by fungus

Associated plant(s): native deciduous tree species

Records:

* First VC55: Gumley, 1933, D. Tozer, Leics Museum

* First VC55 after 1960: Newell Wood, 1987, R. Key, NBN

** Last VC55: Broughton Astley, 2023, A. Poole, NatureSpot

**Last VC55: Cropston, 2023, P. Smith, NatureSpot

2001 (2 occasions, South Wood, D. Budworth, DaNES)

2013 (Whetstone, M. Skevington, NatureSpot)

2014; 2017; 2021 (Cropston, K. Nightingale, LRWT/iRecord/NatureSpot)

2015 (Charnwood Lodge, K. Nightingale, NatureSpot)

2016 (Leicester, A. Smith, NatureSpot)

2016 (Cloud Wood, G. Finch, DaNES)

2017; 2022 (Sapcote, G. Calow, NatureSpot)

2019 (Braunstone, Osiers, D. Gould, NatureSpot)

2020 (Cropston, P. Smith, NatureSpot)

2021 (Rutland Water, T. Sexton, NatureSpot)

2021 (Ulverscroft, S. Gray, NatureSpot)

Acanthosomatidae (Shieldbugs)

UK – 4 species

VC55 – 4 species

All are plant feeders on trees/shrubs and are large, brightly coloured bugs. They are relatively easy to find, and are among the first bugs to have been recorded in the Vice-county. The Parent bugs are notable for exhibiting some parental care of their newly hatched young.

Parent bug nymphs (*Elasmucha grisea*) (ST)



Acanthosoma haemorrhoidale (Linnaeus, 1758)

Hawthorn Shieldbug

Number of records = 876, Number of tetrads = 191

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): very common

Habitat: deciduous/mixed woodlands and woodland margins, hedgerows

Associated plant(s): Hawthorn (*Crataegus*); other deciduous trees including Oak (*Quercus*), Hazel (*Corylus avellana*), Birch (*Betula*)

Records:

- * First VC55: Buddon Wood, 1929, D. Tozer, Leics Museum
- * First VC55 after 1960: Loughborough, 1962, H.A.B. Clements, Leics Museum
- ** Last VC55: Thurstaston, 2023, P. Smith, NatureSpot

Cyphostethus tristriatus (Fabricius, 1787)

Juniper Shieldbug

Number of records = 128, Number of tetrads = 44

ID difficulty: **GREEN** (relatively easy; unlikely to be confused with other species)

National status: common; expanding range

VC55 status (provisional): fairly common

Habitat: coniferous/mixed woodlands, parks and gardens

Associated plant(s): Juniper (*Juniperus*), Lawson's/Leyland Cypress (*Cupressus*).

Records:

- * First VC55: Leicester, 1984, D. Evans, Leics Museum
- ** Last VC55: Quorn, 2023, J. Hollingworth, NatureSpot

Elasmostethus interstinctus (Linnaeus, 1758)

Birch Shieldbug

Number of records = 448, Number of tetrads = 113

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): common

Habitat: broadleaved/mixed woodlands

Associated plant(s): Birch (*Betula*); also Hazel (*Corylus avellana*) and Aspen (*Populus tremula*)

Records:

- * First VC55: Swithland Wood, Pre-1907, [-], VCH
- * First VC55 after 1960: The Outwoods, 1963, H.A.B. Clements, C&E 1973
- ** Last VC55: Ulverscroft, 2023, A. Cann, NatureSpot

LESOPS 64: Terrestrial Heteroptera Provisional Checklist

Elasmucha grisea* (Linnaeus, 1758)*Parent Bug**

Number of records = 278, Number of tetrads = 96

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common and widespread

VC55 status (provisional): common

Habitat: broadleaved/mixed woods; damp/riparian habitats

Associated plant(s): Birch (*Betula*); Alder (*Alnus*)

Records:

* First VC55: Swithland Wood, Pre-1907, [-], VCH

* First VC55 after 1960: Beacon Hill, 1963, H.A.B. Clements, Leics Museum

** Last VC55: Loughborough, 2023, H. Graves, NatureSpot

Scutelleridae (Shieldbugs)

UK – 4 species

VC55 – 1 species

The scutellum is very large, extending to the end of the abdomen. A mainly southern family; the Tortoise bug is the sole VC55 species and a recent incomer following national range expansion. All records in VC55 are *E testudinaria*; so far, *E maura* is scarce and confined to southern parts of UK.



***Eurygaster testudinaria* (ST)**

Eurygaster testudinaria* (Geoffroy, 1785)*Tortoise Bug**

Number of records = 101, Number of tetrads = 48

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: previously uncommon but spreading and now widespread.

VC55 status (provisional): becoming common. Includes genus and species

Habitat: grasslands

Associated plant(s): grasses (Poaceae)

Records:

* First VC55: Ketton Quarry, 2016, K. Nightingale

** Last VC55: Newfield Colliery, 2023, K. Nightingale

Legnotus limbosus* (Geoffroy, 1785)*Bordered Shieldbug**

Number of records = 32, Number of tetrads = 21

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widespread in S. Britain, scarcer further north

VC55 status (provisional): occasional

Habitat: dry/sandy grasslands with friable soils

Associated plant(s): bedstraws (*Galium*), Black Horehound (*Ballota nigra*) and other Lamiaceae.

Records:

* First VC55: King Lud's Entrenchments, 1992, J. Daws, Leics Museum

** Last VC55: Croft, 2023, A. Cann, NatureSpot

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Tritomegas bicolor* (Linnaeus, 1758)****Pied Shieldbug**

Number of records = 202, Number of tetrads = 104

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: widespread in S. Britain, scarcer further north

VC55 status (provisional): common

Habitat: hedgerows, woodland margins and verges

Associated plant(s): mainly White Dead-nettle (*Lamium album*) and Black Horehound (*Ballota nigra*)

Records:

* First VC55: Leicestershire, Pre-1907, [-], VCH

* First VC55 after 1960: Debdale Wharf, 1961, I.M. Evans, C&E 1973

** Last VC55: Aylestone Meadows, 2023, M. McLoughlin, NatureSpot

Sehirus luctuosus* Mulsant & Rey, 1866*Forget-me-not Shieldbug**

Number of records = 41, Number of tetrads = 20

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: widespread but local in S Britain

VC55 status (provisional): occasional

Habitat: open/dry grasslands with light, chalky soils

Associated plant(s): Forget-me-not (*Myosotis*)

Records:

* First VC55: Quorn, 2006, P.H. Gamble, LNC

** Last VC55: Husbands Bosworth, 2023, D. Colley, iRecord

Thyreocoridae (Shieldbugs)

UK – 1 species

VC55 – 1 species

Small, dark metallic bug, with very large scutellum reaching to the end of the abdomen. A ground-dweller.

**Scarab Shieldbug *Thyreocoris scarabaeoides*
(Mark Skevington)**

***Thyreocoris scarabaeoides* (Linnaeus, 1758)****Scarab Shieldbug**

Number of records = 4, Number of tetrads = 2

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: local across S Britain

VC55 status (provisional): rare

Habitat: dry sandy or chalky soils, dunes

Associated plant(s): violets (*Viola*)

Records:

* First VC55: Ketton Quarry, 1994, J. Daws, LRES

** Last VC55: Welby, 2017, S. Lewis, NatureSpot
2014 (Ketton Quarry, M. Skevington, NatureSpot)
2015 (Ketton Quarry, F. Porch, iRecord)

Pentatomidae (Shieldbugs)

UK – 27 species

VC55 – 15 species (+ one species extinct in UK)

Some are plant feeders and some predatory. Many species in this family have undergone dramatic range expansion in recent years, and more species may be expected to turn up in VC55 in future. This family includes some large and colourful species which are among those most often recorded in VC55.

Cabbage Bug *Eurydema oleracea* (KN)



Podops inuncta (Fabricius, 1775)

Number of records = 29, Number of tetrads = 23

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: widespread and fairly common

VC55 status (provisional): occasional

Habitat: grassland and meadows

Associated plant(s): grasses (Poaceae)

Records:

* First VC55: Ketton, 1985, D.A. Lott, Leics Museum

** Last VC55: Thurcaston, 2023, K. Nightingale

Turtle Bug

Aelia acuminata (Linnaeus, 1758)

Number of records = 203, Number of tetrads = 86

ID difficulty: **GREEN** (relatively easy; unlikely to be confused with other species)

National status: widespread and common

VC55 status (provisional): common and increasing

Habitat: grasslands, meadows and verges

Associated plant(s): tall, rank grasses (Poaceae)

Records:

* First VC55: Leicester, 2004, H. Bradshaw, LNC

** Last VC55: Thurcaston, 2023, K. Nightingale

[Note: a specimen in the Leicestershire Museum's collection (1965, Leicester) was 'found in a pot of jam' and has, therefore, not been included in the checklist.]

Neottiglossa pusilla (Gmelin, 1790)

Number of records = 6, Number of tetrads = 5

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: local in S. and C. England

VC55 status (provisional): occasional; probably overlooked

Habitat: dry, open grasslands

Associated plant(s): grasses (Poaceae)

Records:

* First VC55: not confirmed: Keyham, 2004, H. Bradshaw, LNC

* First VC55: Grace Dieu, 2010, S.F. Woodward

** Last VC55: Bardon Hill, 2018, S. Timms, NatureSpot

2014 (Ellistown, S.A. Lane, LRERC)

2015 (Aylestone Meadows, H. Bradshaw, LNC)

2017 (Lockington, R. Wright, LRERC)

Bishop's Mitre Shieldbug

Small Grass Shieldbug

LESOPS 64: Terrestrial Heteroptera Provisional Checklist

Eysarcoris venustissimus* (Schrank, 1776)*Woundwort Shieldbug**

Number of records = 324, Number of tetrads = 111

ID difficulty: **GREEN** (relatively easy; unlikely to be confused with other species)

National status: widespread

VC55 status (provisional): common

Habitat: hedgerows and woodland margins

Associated plant(s): Hedge Woundwort (*Stachys sylvatica*); other labiates

Records:

* First VC55: Stoke Dry, 1983, B.S. Nau, LRERC

** Last VC55: Bradgate Park, 2023, H. Graves, NatureSpot

** Last VC55: Langham, 2023, M. Markham, NatureSpot

Palomena prasina* (Linnaeus, 1761)*Green Shieldbug**

Number of records = 2546, Number of tetrads = 273

ID difficulty: **GREEN** (relatively easy; unlikely to be confused with other species)

National status: common

VC55 status (provisional): very common following range expansion since 2000

Habitat: broadleaved/mixed woodland, hedgerows, parks, gardens

Associated plant(s): deciduous trees and shrubs

Records:

* First VC55: Quorn, 1997, P.H. Gamble, LNC

** Last VC55: Empingham, 2023, A. Dejardin, NatureSpot

† *Chlorochroa (Rhytidolomia) juniperina* (Linnaeus, 1758)

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: extinct

VC55 status (provisional): extinct; one old record; original source not found

Habitat: scrubland and heaths; possibly parks and gardens

Associated plant(s): Juniper (*Juniperus*)

Records:

* First VC55: Leicestershire, Pre-1923, [-], Butler

Dolycoris baccarum* (Linnaeus, 1758)*Hairy Shieldbug**

Number of records = 1162, Number of tetrads = 192

ID difficulty: **GREEN** (relatively easy; unlikely to be confused with other species)

National status: common

VC55 status (provisional): very common

Habitat: hedgerows, woodland edges, parkland, verges and gardens

Associated plant(s): wide range of shrubs and low-growing plants

Records:

* First VC55: Charnwood Forest, Pre-1907, [-], VCH

* First VC55 after 1960: Quorn, 1998, P.H. Gamble, LNC

** Last VC55: Leicester, 2023, A. Cann, NatureSpot

Piezodorus lituratus* (Fabricius, 1794)*Gorse Shieldbug**

Number of records = 334, Number of tetrads = 59

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): common

Habitat: heathland and other habitats with gorse or broom

Associated plant(s): Gorse (*Ulex*) and other Fabaceae

Records:

* First VC55: Beacon Hill, 1982, D.A. Lott, Leics Museum

** Last VC55: Cropston, 2023, K. Nightingale

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Pentatoma rufipes* (Linnaeus, 1758)****Red-legged Shieldbug**

Number of records = 634, Number of tetrads = 194

ID difficulty: **GREEN** (relatively easy; unlikely to be confused with other species)

National status: widespread and common

VC55 status (provisional): very common

Habitat: broadleaved/mixed woodland, hedgerows, orchards and riparian habitats

Associated plant(s): mainly Oak (*Quercus*); also Alder (*Alnus*), Hazel (*Corylus avellana*) and other deciduous trees including Apple (*Malus*) and Cherry (*Prunus*)

Records:

- * First VC55: Swithland Wood, Pre-1907, [-], VCH
- * First VC55 after 1960: Quorn, 1975, P.H. Gamble, LNC
- ** Last VC55: Leicester, 2023, A. Cann, NatureSpot

Rhaphigaster nebulosa* (Poda, 1761)*Mottled Shieldbug**

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: well established in S.E. England, expanding range

VC55 status (provisional): one record; rare

Habitat: broadleaved/mixed woodland; anywhere with deciduous trees

Associated plant(s): deciduous trees

Records:

- * First VC55: Lutterworth, Magna Park, 2018, C. Mabbett, NatureSpot

Halyomorpha halys* Stål, 1855*Brown Marmorated Stink Bug**

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: Asia, 2010. Recent introduction; S.E. England and expanding range

VC55 status (provisional): one recent record, rare

Habitat: hedgerows, orchards and arable land

Associated plant(s): fruit trees and field crops

Records:

- * First VC55: Leicester, 2020, R. Sayer, NatureSpot

Eurydema (Eurydema) oleracea* (Linnaeus, 1758)*Cabbage Bug**

Number of records = 94, Number of tetrads = 43

ID difficulty: **GREEN** (relatively easy; unlikely to be confused with other species)

National status: well distributed S. and C. England

VC55 status (provisional): common and increasing

Habitat: broadleaved woodland and woodland margins, gardens/allotments

Associated plant(s): brassicas (Brassicaceae) including Garlic Mustard (*Alliaria petiolata*) and Horse-radish (*Armoracia rusticana*).

Records:

- * First VC55: Leicester, 2006, H. Bradshaw, LNC
- ** Last VC55: Great Glen, 2023, A. Cann, NatureSpot

***Eurydema ventralis* Kolenati, 1846**

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: [-]; not on UK checklist

VC55 status (provisional): single record, presumably accidental import

Records:

- * First VC55: Leicester, Evington, 1975, L.K. Dallaston, Leics Museum

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Eurydema (Eurydema) ornata* (Linnaeus 1758)****Ornate Shieldbug**

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)
National status: now established along south coast, scattered records from S. England/East Anglia
VC55 status: single record, presumably accidental import

Records:

* First VC55: Leicester, Evington, 1975, L.K. Dallaston, Leics Museum

Picromerus bidens* (Linnaeus, 1758)*Spiked Shieldbug**

Number of records = 105, Number of tetrads = 47

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)
National status: widespread
VC55 status (provisional): frequent
Habitat: heathland; also calcareous grassland and damp flower-rich meadows
Associated plant(s): deciduous trees including Willow (*Salix*) and Hazel (*Corylus*)

Records:

* First VC55: Martinshaw Wood, 1945, D. Tozer, Leics Museum

* First VC55 after 1960: Quorn, 1962, A. Squires, C&E 1973

** Last VC55: Leicester, Evington, 2023, A. Cann, NatureSpot

Troilus luridus* (Fabricius, 1775)*Bronze Shieldbug**

Number of records = 87, Number of tetrads = 50

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)
National status: widespread
VC55 status (provisional): common
Habitat: anywhere with deciduous or coniferous trees
Associated plant(s): deciduous and coniferous trees

Records:

* First VC55: Barkby Holt, 1945, D. Tozer, Leics Museum

* First VC55 after 1960: Ulverscroft, 1986, D.A. Lott, Leics Museum

** Last VC55: Syston, 2023, P. Harper, NatureSpot

Rhacognathus punctatus* (Linnaeus, 1758)*Heather Shieldbug**

Number of records = 2, Number of tetrads = 2

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)
National status: widely distributed but scarce
VC55 status (provisional): rare
Habitat: heathland
Associated plant(s): Heather (*Calluna vulgaris*)

Records:

* First VC55: Chamwood Lodge (2 locations), 2017, R. Wilson, LRWT

Zicrona caerulea* (Linnaeus, 1758)*Blue Shieldbug**

Number of records = 101, Number of tetrads = 62

ID difficulty: **GREEN** (relatively easy; unlikely to be confused with other species)
National status: widespread
VC55 status (provisional): common?
Habitat: heathland, damp grassland and woodland rides.
Associated plant(s): low-growing vegetation

Records:

* First VC55: Barkby Holt, 1945, D. Tozer, Leics Museum

* First VC55 after 1960: Narborough Bog, 1975, D.L. Lewis, LRERC

** Last VC55: Thurcaston, 2023, K. Nightingale

Coreidae (Squashbugs)

UK – 11 species

VC55 – 7 species

Mainly southern species in the UK, some of which appear to be increasing their range north and westwards. Species are seed or fruit feeders; the common name is derived from a US species. Coloration is mainly brown, and the forewings are leathery. The alternative name of stink-bug refers to the glands on the dorsal abdomen surface in nymphs and the sides of the thorax in adults. These can emit an unpleasant odour if carelessly handled.



Box Bug *Gonocerus acuteangulatus* (KN)

***Gonocerus acuteangulatus* (Goeze, 1778)**

Number of records = 342, Number of tetrads = 68

Box Bug

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: historically rare being confined to Surrey; recent huge range expansion, now widespread

VC55 status (provisional): frequent

Habitat: any suitable habitat with host plants, including hedgerows, parks and gardens

Associated plant(s): formerly Box (*Buxus sempervirens*), now a variety of woody species including Hawthorn (*Crataegus*), Buckthorn (*Rhamnus catharticus*), Oak (*Quercus*)

Records:

* First VC55: Glenfield, 2014, M. Higgott, NatureSpot

** Last VC55: Cropston, 2023, K. Nightingale

***Coreus marginatus* (Linnaeus, 1758)**

Number of records = 1449, Number of tetrads = 217

Dock Bug

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): very common

Habitat: meadows, hedgerows, woodland edges etc.

Associated plant(s): Polygonaceae, especially Docks (*Rumex*) and Knotweeds (*Persicaria*)

Records:

* First VC55: Aylestone Meadows, 2004, H. Bradshaw, LNC

** Last VC55: Cropston, 2023, K. Nightingale

***Syromastus rhombeus* (Linnaeus, 1767)**

Number of records = 2, Number of tetrads = 2

Rhombic Leatherbug

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: locally common, S. England/Wales

VC55 status (provisional): rare

Habitat: dry, open habitats

Associated plant(s): Campions (*Silene*), sandworts (*Arenaria*), spurreys (*Spergularia*) and other plants in the Caryophyllaceae family

Records:

* First VC55: Seaton, 2022, M. Berriman, iRecord

** Last VC55: Empingham, 2023, A. Dejardin, NatureSpot

LESOPS 64: Terrestrial Heteroptera Provisional Checklist

Bathysolen nubilus* (Fallén, 1807)*Cryptic Leatherbug**

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)
 National status: historically scarce; recent range expansion into S Britain/East Anglia
 VC55 status (provisional): rare
 Habitat: dry, sparsely-vegetated habitats with short sward & bare ground
 Associated plant(s): pea family (Fabaceae), especially Black Medick (*Medicago lupulina*)

Records:

* First VC55: Asfordby, 2020, S. Lewis, NatureSpot

Ceraleptus lividus* Stein, 1858*Slender-horned Leatherbug**

Number of records = 2, Number of tetrads = 2

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)
 National status: local in S. and C. England
 VC55 status (provisional): rare
 Habitat: dry, open habitats - grasslands, sand dunes, gravel pits
 Associated plant(s): herbaceous legumes (Fabaceae) including vetches (*Vicia*), clovers and trefoils (*Trifolium* and *Lotus*?)

Records:

* First VC55: Leicester, H. Bradshaw (ver. D. Budworth), 2008, DaNES

* Last VC55: Ashby de la Zouch, Lounge, 2012, T. Bantock, iRecord

Coriomeris denticulatus* (Scopoli, 1763)*Denticulate Leatherbug**

Number of records = 48, Number of tetrads = 29

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)
 National status: widely distributed
 VC55 status (provisional): occasional
 Habitat: dry, open habitats on chalky/sandy soils
 Associated plant(s): Black Medick (*Medicago lupulina*), Melilot (*Melilotus*) and other leguminous plants in the Fabaceae family

Records:

* First VC55: Ketton Quarry, 1985, D.A. Lott, Leics Museum

** Last VC55: New Lount, 2023, D. Nicholls, NatureSpot

Leptoglossus occidentalis* Heidemann, 1910*Western Conifer Seed Bug**

Number of records = 110, Number of tetrads = 70

ID difficulty: **GREEN** (relatively easy; unlikely to be confused with other species)
 National status: USA, 1999; rapid expansion and now widespread
 VC55 status (provisional): common
 Habitat: coniferous/mixed woodland and parkland
 Associated plant(s): pines (*Pinus*)

Records:

* First VC55: Quorn, 2008, P.H. Gamble, LNC

** Last VC55: Melton, 2023, D. Pugh, NatureSpot

Rhopalidae (Rhopalid bugs)

UK – 12 species

VC55 – 7 species

A family of plant-feeding bugs, of diverse form and related to squash-bugs, but without the well-developed stink-glands of the squash-bugs. Several have partly hyaline (transparent) forewings. Many species are also experiencing range expansion northwards and westwards.



Rhopalus subrufus (KN)

Rhopalus (Rhopalus) subrufus (Gmelin, 1790)

Number of records = 275, Number of tetrads = 86

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: widely distributed

VC55 status (provisional): common

Habitat: woodland clearings and scrubby areas with low vegetation

Associated plant(s): especially St. John's-worts (*Hypericum*)

Records:

* First VC55: Little Stretton, 2004, H. Bradshaw, LNC

** Last VC55: Ketton Quarry, 2023, K. Nightingale

Rhopalus (Rhopalus) parumpunctatus Schilling, 1829

Number of records = 4, Number of tetrads = 4

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: local in S Britain

VC55 status (provisional): rare

Habitat: heathland and dry sandy grasslands

Associated plant(s): especially Mouse-ear Chickweed (*Cerastium*)

Records:

* First VC55: Kirby Muxloe, Pre-1892, [-], Saunders

* First VC55 after 1960: Measham, 2008, K.N.A. Alexander, LRERC

2019 (Mountsorrel, A. Godfrey, 2019, LRERC)

2019 (Ashby de la Zouch, A. Godfrey, 2019, LRERC)

Stictopleurus punctatonervosus (Goeze, 1778)

Number of records = 47, Number of tetrads = 27

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: historically rare/extinct; now well-established and spreading from S.E. England

VC55 status (provisional): frequent following recent colonisation

Habitat: dry grassland habitats

Associated plant(s): composite plants (Asteraceae)

Records:

* First VC55: Asfordby Hill ironworks, 2009, D. Clements, LRERC

** Last VC55: Cropston, 2023, K. Nightingale

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Stictopleurus abutilon* (Rossi, 1790)**

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)
 National status: historically rare/extinct; now well-established and spreading from S.E. England
 VC55 status (provisional): one recent confirmed record; rare
 Habitat: dry grassland habitats
 Associated plant(s): composite plants (Asteraceae)

Records:

- * First VC55: Holwell, 2023, K. Nightingale/S. Timms

[Note: several recent records are unconfirmed and likely to be *S. punctatonervosus*]

Corizus hyoscyami* (Linnaeus, 1758)*Cinnamon Bug**

Number of records = 340, Number of tetrads = 120

ID difficulty: **GREEN** (relatively easy; unlikely to be confused with other species)
 National status: historically confined to south coast; recent range expansion and now widespread
 VC55 status (provisional): common following recent colonisation of VC55
 Habitat: various habitats including woodland rides and clearings, grasslands, parks and gardens
 Associated plant(s): wide range of shrubs and low-growing plants

Records:

- * First VC55: Ulverscroft, 2010, S. Woodward, Leics Museum
- ** Last VC55: Whetstone, 2023, A. Cann, NatureSpot

***Myrmus miriformis* (Fallén, 1807)**

Number of records = 40, Number of tetrads = 26

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)
 National status: common in England and Wales
 VC55 status (provisional): frequent
 Habitat: grasslands
 Associated plant(s): grasses (Poaceae)

Records:

- * First VC55: Swithland Wood, 1892, T.A. Marshall, Saunders
- * First VC55 after 1960: Beacon Hill, 1979, P. Kirby, Terr.Het.cards
- ** Last VC55: Ketton Quarry, 2023, S. Timms

***Chorosoma schillingi* (Schilling, 1829)**

Number of records = 14, Number of tetrads = 8

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)
 National status: local
 VC55 status (provisional): uncommon
 Habitat: brownfield, open grassland
 Associated plant(s): grasses (Poaceae)

Records:

- * First VC55: Leicester, Humberstone Wharf, 1988, D.A. Lott/J. Woodhead, Leics Museum
- ** Last VC55: Hicks Lodge, 2023, S. Timms, NatureSpot
- 2005-2008; 2010 (Stoughton Airfield, H. Bradshaw, LNC (unconfirmed))
- 2005; 2007 (East Goscote, H. Bradshaw, LNC (unconfirmed))
- 2006; 2007 (Leicester, H. Bradshaw, LNC (unconfirmed))
- 2008 (Measham, K.N.A. Alexander, LRERC)
- 2014 (Bradgate Park, H. Ikin/S.F Woodward)

Lygaeidae (Groundbugs)

UK – 92 species

VC55 – 38 species

A large family, divided below into sub-families.

Lygaeidae (Lygaeinae)

Unlike most of the Lygaeidae, species in this sub-family are often marked with red and black, bearing a superficial resemblance to the Cinnamon bug (Rhopalidae). They are mainly European, with some found on the Channel Islands, but a few species are expanding their range. Seed-eaters.

Arocatus longiceps/roeselii
(Graham Calow, NatureSpot)



Arocatus longiceps Stål, 1872 / *Arocatus roeselii* (Schilling, 1879)

Number of records = 2, Number of tetrads = 2

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: ? A species found in 2007 in London on Plane trees was named *A. longiceps* to distinguish from *A. roeselii* on Alders. Subsequently, they were thought to be forms of the same species.

VC55 status (provisional): rare

Habitat: any suitable habitat with the host plant

Associated plant(s): Plane (*Platanus*), under bark; also Alder (*Alnus*)

Records:

* First VC55: Sapcote, 2016, G. Calow, NatureSpot

** Last VC55: Leicester, 2023, K. Edkins, NatureSpot

Lygaeidae (Orsillinae)

Several of these species of seed-bug are recent colonisers of Britain. The *Nysius* species are ground-dwelling and very difficult to identify, and dissection of the male may be needed.

Wheat Bug *Nysius huttoni* (ST)



LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Nysius thymi* (Wolff, 1804)**

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)
 National status: common, particularly coastal
 VC55 status (provisional): no recent records; may no longer be present
 Habitat: various open habitats with sandy, well-drained soils
 Associated plant(s): various, including fleabanes (Asteraceae)

Records:

* First VC55: Cropston Reservoir, Pre-1907, J. Stanyon, VCH

***Nysius ericae* (Schilling, 1829)**

Number of records = 3, Number of tetrads = 3

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)
 National status: common
 VC55 status (provisional): rare
 Habitat: habitats with a large component of bare ground

Records:

* First VC55: Clipsham, 1987, P. Kirby, National database
 1987 (Thistleton Gullet, P. Kirby, National database)
 1999 (Edith Weston, P. Kirby, LRERC)

***Nysius senecionis* (Schilling, 1829)**

Number of records = 8, Number of tetrads = 8

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)
 National status: widely scattered
 VC55 status (provisional): occasional
 Habitat: any suitable habitat including meadows, arable land and verges
 Associated plant(s): composites such as Ragwort (*Jacobaea*) and fleabanes in the Asteraceae family

Records:

* First VC55: Edith Weston, 1999, P. Kirby, LRERC
 ** Last VC55: Newfield Colliery, 2023, S. Timms
 2017 (Charnwood Lodge, R. Wilson, LRWT)
 2020 (Bagworth, S. Timms, NatureSpot)
 2022 (Oadby, D. Nicholls, NatureSpot)
 2022 (Rutland Water, T. Sexton, NatureSpot)
 2023 (Albert Village, S. Timms)

Nysius huttoni* F.B. White, 1878*Wheat Bug**

Number of records = 9, Number of tetrads = 9

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)
 National status: New Zealand, arrived from continent 2010, now widespread
 VC55 status (provisional): occasional
 Habitat: bare ground
 Associated plant(s): known to be pest of cereal crops in New Zealand

Records:

* First VC55: Desford, 2016, J. Flanagan, National database
 ** Last VC55: Stoke Dry Wood, 2023, A. Cann, NatureSpot
 2018 (Shawell, R. Wright, LRERC)
 2019 (Anstey, M. Higgott, NatureSpot)
 2023 (Broughton Astley, A. Poole, NatureSpot)
 2023 (Launde Park Wood, A. Cann, NatureSpot)
 2023 (Sapcote, G. Calow, NatureSpot)
 2023 (Stretton, M. Berriman, iRecord)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Orsillus depressus* (Mulsant & Rey, 1852)**

Number of records = 8, Number of tetrads = 7

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: Europe, 1980s, naturalised. Common S and C England

VC55 status (provisional): occasional

Habitat: coniferous/mixed woodland, parks and gardens

Associated plant(s): cypresses, especially Lawson's (*Cupressus*)

Records:

* First VC55: Leicester, 1998, J. Owen, Ecol.of a garden

** Last VC55: Kibworth, 2023, S. Timms, NatureSpot

2007 (Leicester, D. Gould, NatureSpot)

2012 (Sapcote, G. Calow, NatureSpot)

2017; 2019 (Anstey, M. Higgott, NatureSpot)

2018; 2021 (Leicester, P. Smith, NatureSpot)

Lygaeidae (Ischnorhynchinae)

The Birch Catkin bug is one of the commonest species found in VC55, feeding on birch seeds. The forewings are largely transparent. Described in Southwood & Leston as 'noisy and smelly', the adults have a strigil on the hindwings and a dorsal plectrum which they use for mating calls. Distinguishing this common species from the much less common species found on heather is difficult.

Birch Catkin Bug *Kleidocerys resedae* (ST)

***Kleidocerys resedae* (Panzer, 1797)**

Number of records = 273, Number of tetrads = 85

ID difficulty: **GREEN** (relatively easy; unlikely to be confused with other species)

National status: common

VC55 status (provisional): common

Habitat: broadleaved/mixed woodland and other habitats with birch

Associated plant(s): Birch (*Betula*)

Records:

* First VC55: Bardon Hill, Pre-1907, [-], VCH

* First VC55 after 1960: The Outwoods, 1971, S. & W. Brister, LNC

** Last VC55: Loughborough, 2023, H. Graves, NatureSpot

***Kleidocerys ericae* (Horváth, 1908)**

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: status not given on checklist

VC55 status (provisional): no recent confirmed records. May be overlooked due to similarity to *K. resedae*, in same habitat

Habitat: heathland

Associated plant(s): Heather (*Calluna vulgaris*)

Records:

* First VC55: Charwood Forest, Pre-1907, [-], VCH

Birch Catkin Bug

Lygaeidae (Cyminae)

Distinctive bugs, often associated with rushes, with dorsal surfaces covered in punctures.

Note that Southwood & Leston places this genus in the same family as the *Berytinus*.



Cymus glandicolor (ST)

Cymus claviculus (Fallén, 1807)

Number of records = 5, Number of tetrads = 5

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): occasional? Few records

Habitat: generally dry habitats such as sandy heaths, meadows, and wastelands

Associated plant(s): includes Knot-grass (*Polygonum*) and Toad Rush (*Juncus bufonius*).

Records:

- * First VC55: Edith Weston, 1999, P. Kirby, LRERC
- ** Last VC55: Anstey, 2023, M. Higgott, NatureSpot
2017 (Burbage, G. Calow, NatureSpot)
2019 (Nailstone Wiggs, G. Calow, NatureSpot)
2020 (Bagworth, S. Timms, NatureSpot)

Cymus melanocephalus Fieber, 1861

Number of records = 57, Number of tetrads = 34

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): occasional

Habitat: damp grasslands/meadows, marshes and riparian habitats

Associated plant(s): trefoils (*Trifolium/Lotus*), loosestrifes (*Lythrum*) and rushes (*Juncus*).

Records:

- * First VC55: Greetham, 1982, D.G. Goddard, Leics Museum
- ** Last VC55: Bagworth, 2023, S. Timms, NatureSpot

Cymus glandicolor Hahn, 1832

Number of records = 32, Number of tetrads = 24

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): occasional

Habitat: well-vegetated damp grasslands/meadows, marshes and riparian habitats

Associated plant(s): various plants including sedges (Cyperaceae), reedmace (*Typha*) and members of the Lamiaceae family; also found on rushes (*Juncus*)

Records:

- * First VC55: Shepshed, 1964, H.A.B. Clements, C&E 1973
- ** Last VC55: Moira, 2023, S. Timms
- ** Last VC55: Rawdon East, 2023, S. Timms

Lygaeidae (Blissinae)

The sole representative of this group in VC55 is the Chinch bug, which occurs in brachypterous and macropterous forms. Formerly very scarce in the UK, it has increased dramatically in recent years, and is sometimes found in large swarms on wetland vegetation.

European Chinchbug *Ischnodemus sabuleti* (KN)



Ischnodemus sabuleti (Fallén, 1826)

Number of records = 116, Number of tetrads = 64

ID difficulty: **GREEN** (relatively easy; unlikely to be confused with other species)

National status: common

VC55 status (provisional): common

Habitat: damp/wet grasslands and riparian habitats

Associated plant(s): grasses and reeds (*Phragmites australis*)

Records:

* First VC55: Donisthorpe, 1980, D.G. Goddard, Leics Museum

** Last VC55: Thurcaston, 2023, K. Nightingale

European Chinchbug

Lygaeidae (Artheneinae)

The sole UK representative in this sub-family of seed-eating bugs, the Bulrush bug it is almost always found on the heads of reedmace or bulrush (*Typha*), sometimes in large numbers. The pale v-shaped mark on the scutellum is characteristic.

Chilacis typhae (KN)



Chilacis typhae (Perris, 1857)

Number of records = 77, Number of tetrads = 56

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): frequent, local

Habitat: swamp, marshes, riparian habitats, wetlands

Associated plant(s): reedmace (*Typha*)

Records:

* First VC55: Huncote, 1967, H.A.B. Clements, C&E 1973

** Last VC55: Cossington, 2023, S. Timms

Lygaeidae (Heterogastrinae)

The nettle bug often occurs in dense swarms of adults and nymphs on nettles.

Nettle Ground Bug nymphs *Heterogaster urticae* (ST)



Heterogaster urticae (Fabricius, 1775)

Number of records = 288, Number of tetrads = 89

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): common

Habitat: any habitat with nettles

Associated plant(s): Nettle (*Urtica dioica*)

Records:

* First VC55: Quorn, 1984, D.A. Lott, Leics Museum

** Last VC55: Thorpe Langton, 2023, A. Cann, NatureSpot

Nettle Ground Bug

Lygaeidae (Rhyparochrominae)

Most of the British species of this family belong here. They are mainly ground dwelling, primarily of earthy brown/black colouration, often with a patterning of streaks or marbling. Some species have enlarged and spiny fore-legs, and the last antennal segment is often wider than the rest creating a characteristic knobbed appearance to the antennae. They are usually seed-eaters. Being ground-dwellers, the group is probably under-recorded in VC55 because they are rarely caught by sweeping or beating.

Drymus sylvaticus (AC)



LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Peritrechus lundii* (Gmelin, 1790)**

Number of records = 8, Number of tetrads = 8

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: local

VC55 status (provisional): occasional

Habitat: dry grasslands, heaths, dunes; arable land near woodlands/hedgerows, where it overwinters in leaf litter/under bark

Associated plant(s): Common Stork's-bill (*Erodium cicutarium*); possibly other plant species

Records:

- * First VC55: Kegworth, 1932, A. Roebuck, C&E 1973
- * First VC55 after 1960: Greetham, 1987, [-], NBN
- ** Last VC55: Pickworth Great Wood, 2019, M. Skevington, NatureSpot
- 1987 (Market Overton, [-], NBN)
- 1999 (Edith Weston, P. Kirby, LRERC)
- 2014 (Croft Hill, M. Skevington, NatureSpot)
- 2016 (New Lount, D. Nicholls, NatureSpot)
- 2019 (Stoney Stanton, G. Calow, NatureSpot)

***Peritrechus geniculatus* (Hahn, 1832)**

Number of records = 12, Number of tetrads = 12

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): occasional

Habitat: dry grassland and open habitats with light soils, with leaves, moss and low vegetation

Records:

- * First VC55: Ulverscroft, 1982, D.A. Lott, Leics Museum
- ** Last VC55: Rutland Water, 2021, T. Sexton, NatureSpot
- 1984 (Misterton, D.A. Lott, Leics Museum)
- 1984 (Grace Dieu Wood, D.A. Lott, Leics Museum)
- 1987 (Thistleton Gullet, P. Kirby, National database)
- 1992 (Ulverscroft, Lea Meadow, M. Statham/D.A. Lott, LRERC)
- 1992 (High Sharpley, J. Daws, Leics Museum)
- 1993 (Great Bowden pit, D.A. Lott, Leics Museum)
- 1993 (Loughborough Big Meadow, A. Russell et al, LRWT)
- 2020 (Charnwood Lodge, M. Skevington, NatureSpot)
- 2020 (Bagworth, S. Timms, NatureSpot)
- 2021 (Bagworth, A. Cann, NatureSpot)

***Peritrechus nubilus* (Fallén, 1807)**

Number of records = 12, Number of tetrads = 11

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: local

VC55 status (provisional): occasional

Habitat: wide variety of dry, grassy habitats

Records:

- * First VC55: Noseley, 2019, A. Cann, NatureSpot
- ** Last VC55: Quarry Farm, near Stamford, 2021, S.A. Lane, LRERC
- 2019 (Gumley, A. Cann, NatureSpot)
- 2019 (Church Langton, A. Cann, NatureSpot)
- 2019 (Anstey, garden, M. Higgott, NatureSpot)
- 2019 (Leicester Botanic garden, A. Cann, NatureSpot)
- 2019 (Thornton Reservoir, S. Timms)
- 2019 (Thornton Reservoir, eastern arm, S. Timms)
- 2019 (Great Glen, A. Cann, NatureSpot)
- 2019 (Oadby, Brock's Hill, A. Cann, NatureSpot)
- 2020 (Asfordby Hill, A. Cann, NatureSpot)
- 2020 (Altar Stones, M. Skevington, NatureSpot)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Graptopeltus lynceus* (Fabricius, 1775)**

Number of records = 2, Number of tetrads = 2

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: Nationally Scarce (Notable B)

VC55 status (provisional): rare

Habitat: dry sparsely-vegetated habitats including short, calcareous grasslands, heathlands and sandy areas

Associated plant(s): Viper's Bugloss (*Echium vulgare*) and other members of the borage family (Boraginaceae)

Records:

* First VC55: Asfordby Hill, 2022, S. Gray, NatureSpot

** Last VC55: Seaton, 2022, M. Berriman, iRecord

***Megalonotus antennatus* (Schilling, 1829)**

Number of records = 2, Number of tetrads = 2

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: Nationally Scarce (Notable B)

VC55 status (provisional): rare

Habitat: the ecology of this species remains obscure; there are no confirmed foodplants and it has been found in a range of open habitats on various soil types. These include woodland clearings, grasslands, sparsely-vegetated grasslands and limestone quarries [British Bugs].

Associated plant(s): possibly grasses and other low-growing plants

Records:

* First VC55: Asfordby Hill, 2020, A. Cann, NatureSpot

** Last VC55: Quarry Farm, near Stamford, 2021, S.A. Lane, LRERC

***Megalonotus chiragra* (Fabricius, 1794)**

Number of records = 3, Number of tetrads = 3

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): rare

Habitat: dry habitats including calcareous grasslands and sand dunes.

Associated plant(s): grasses and other low-growing plants

Records:

* First VC55: Narborough, 2012, S.A. Lane, NBN

** Last VC55: Ellistown, 2014, S.A. Lane, LRERC

2012 (Ashby de la Zouch, Lounge, T. Bantock, National database)

***Megalonotus emarginatus* (Rey, 1888)**

Number of records = 4, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: local

VC55 status (provisional): rare

Habitat: variety of dry habitats

Associated plant(s): grasses and other low-growing plants

Records:

* First VC55: Croft, 2010, G. Calow, NatureSpot

** Last VC55: Huncote, 2019, M. Skevington, NatureSpot

2010 (Croft Hill, G. Calow, NatureSpot)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Trapezonotus (Trapezonotus) desertus* Seidenstücker, 1951**

Number of records = 2, Number of tetrads = 2

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): rare

Habitat: heathland and calcareous grassland; brownfield.

Records:

* First VC55: The Outwoods, 2007, K.N.A. Alexander, National database

** Last VC55: Ulverscroft, 2012, S.F. Woodward

[Note: genus split into three species in 1960; not addressed by Southwood & Leston. Genus is rare in VC55 and earlier specimens cannot be determined; some later records also as genus only. First record for the genus is "D.A. Lott, Buddon Wood, 1983, Leics Museum".]

***Aphanus rolandri* (Linnaeus, 1758)**

Number of records = 3, Number of tetrads = 3

ID difficulty: **GREEN** (relatively easy; unlikely to be confused with other species)

National status: Nationally Scarce (Notable A)

VC55 status (provisional): rare

Habitat: dry, open habitats with leaf litter and stones, including arable land

Associated plant(s): Common Fumitory (*Fumaria*) and other plants in the Fumariaceae family.

Records:

* First VC55: Great Merrible, 2018, A. Cann, NatureSpot

** Last VC55: Empingham, 2023, M. Berriman, iRecord 2021 (Bardon Hill, D. Nicholls, NatureSpot)

***Stygnocoris rusticus* (Fallén, 1807)**

Number of records = 2, Number of tetrads = 2

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: local

VC55 status (provisional): rare

Habitat: dry, sandy/chalky habitats with flowering plants

Associated plant(s): chickweeds (*Stellaria*)

Records:

* First VC55: Loughborough, 1953, [-], Leics Museum

** Last VC55: Ashby de la Zouch, Lounge, 2012, T. Bantock, National database

***Stygnocoris fuliginus* (Geoffroy, 1785)**

Number of records = 9, Number of tetrads = 9

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): occasional

Habitat: grassy habitats including meadows, verges and wasteland

Associated plant(s): various including chickweeds (*Stellaria*) and knotweeds (Polygonaceae)

Records:

* First VC55: Thistleton Gullet, 1987, P. Kirby, National database

** Last VC55: Bagworth, 2021, A. Cann, NatureSpot

1999 (Edith Weston, P. Kirby, LRERC)

2007 (Barrow upon Soar, D.A. Lott, Leics Museum)

2011 (Market Bosworth, R. Wright, LRERC)

2012 (Narborough, S.A. Lane, NBN)

2014 (Croft Hill, M. Skevington)

2019 (Husbands Bosworth, A. Cann, NatureSpot)

2021 (Quarry Farm, near Stamford, S.A. Lane, LRERC)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Stygnocoris sabulosus* (Schilling, 1829)**

Number of records = 23, Number of tetrads = 18

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): occasional

Habitat: dry habitats with sandy/chalky soils

Records:

* First VC55: Kegworth, 1932, A. Roebuck, C&E 1973

* First VC55 after 1960: Charnwood Lodge, 1964, H.A.B. Clements, C&E 1973

** Last VC55: Ketton Quarry, 2023, S. Timms

***Drymus (Sylvadrymus) brunneus* (Sahlberg, 1848)**

Number of records = 34, Number of tetrads = 21

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): occasional

Habitat: grassland/rushes; woodlands, areas with moist leaf litter, mosses and fungi

Associated plant(s): mosses (including *Sphagnum*) and fungi

Records:

* First VC55: Groby, Pre-1907, [-], VCH

* First VC55 after 1960: Beacon Hill, 1962, H.A.B. Clements, C&E 1973

** Last VC55: Loughborough, 2023, H. Graves, NatureSpot

***Drymus (Sylvadrymus) sylvaticus* (Fabricius, 1775)**

Number of records = 114, Number of tetrads = 70

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): frequent

Habitat: dry habitats with moss, grass and leaf-litter, including woodlands

Associated plant(s): herbaceous plants, mosses and fungi

Records:

* First VC55: Leicestershire, Pre-1907, [-], VCH

* First VC55 after 1960: Great Stretton, 1960, I.M. Evans, Leics Museum

** Last VC55: Burbage Common, 2023, A. Cann, NatureSpot

***Drymus (Sylvadrymus) ryei* Douglas & Scott, 1865**

Number of records = 14, Number of tetrads = 12

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): occasional

Habitat: dry habitats with moss, grass and leaf-litter, including woodlands

Associated plant(s): herbaceous plants, mosses and fungi

Records:

* First VC55: Quorn, 1982, D.A. Lott, Leics Museum

** Last VC55: Knighton, 2021, A. Cann, NatureSpot

1984 (Breedon Hill, D.A. Lott, Leics Museum)

1999 (Edith Weston, P. Kirby, LRERC)

2011 (Mountsorrel Quarry, A. Godfrey, LRERC)

2013 (Sapcote, G. Calow, LRERC)

2015 (Sapcote, G. Calow, NatureSpot)

2018 (Cloud Wood, A. Cann, NatureSpot)

2019 (Bagworth, S. Timms, NatureSpot)

2020 (Asfordby Hill, A. Cann, NatureSpot)

2020 (Fosse Meadows, M. Skevington, NatureSpot)

2021 (Fosse Meadows, A. Cann, NatureSpot)

2021 (Rutland Water, T. Sexton, NatureSpot)

2021 (Grace Dieu, A. Cann, NatureSpot)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Scolopostethus affinis* (Schilling, 1829)**

Number of records = 66, Number of tetrads = 39

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): common

Habitat: any suitable habitat with the host plant

Associated plant(s): Nettle (*Urtica dioica*)

Records:

- * First VC55: Leicestershire, Pre-1907, [-], VCH
- * First VC55 after 1960: Leicester, 1980, J. Owen, Ecol.of a garden
- ** Last VC55: Knighton, 2023, A. Cann, NatureSpot

***Scolopostethus grandis* Horváth, 1881**

Number of records = 3, Number of tetrads = 2

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: local

VC55 status (provisional): few records; rare? May be under-recorded

Habitat: under leaf litter in woodlands, hedgerows and other habitats.

Records:

- * First VC55: Fosse Meadows, 2021, A. Cann, NatureSpot
- ** Last VC55: Bagworth, 2022, S. Timms, LRERC
2021 (Bagworth, S. Timms, NatureSpot)

***Scolopostethus thomsoni* Reuter, 1874**

Number of records = 83, Number of tetrads = 58

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): common

Habitat: any habitat with nettles

Associated plant(s): Nettle (*Urtica dioica*)

Records:

- * First VC55: Leicestershire, Pre-1907, [-], VCH
- * First VC55 after 1960: Quorn, 1982, D.A. Lott, Terr.Het.cards
- ** Last VC55: Great Glen, 2023, A. Cann, NatureSpot

***Scolopostethus decoratus* (Hahn, 1833)**

Number of records = 10, Number of tetrads = 7

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): few records; rare? May be under-recorded

Habitat: heathland

Associated plant(s): Heather (*Calluna vulgaris*)

Records:

- * First VC55: Bradgate, Pre-1907, J. Stanyon, VCH
- * First VC55 after 1960: Charnwood Lodge, 1985, D.A. Lott, Leics Museum
- ** Last VC55: Warren Hills, 2020, A. Cann, NatureSpot
1987 (Littleworth, D.A. Lott, Leics Museum)
2017 (Charnwood Lodge (2 occasions), R.I. Wilson, iRecord)
2019 (Charnwood Lodge, K. Nightingale, iRecord)
2019 (Ulverscroft, A. Cann, NatureSpot)
2020 (Bardon Hill, A. Cann, NatureSpot)
2020 (Barlestone, J. Evans, LRERC)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Scolopostethus pictus* (Schilling, 1829)**

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: Nationally Scarce (Notable A)

VC55 status (provisional): rare

Habitat: dry plant debris, leaf litter, compost; bark for overwintering

Associated plant(s): small fungi

Records:

* First VC55: Oadby, 2022, A. Cann, NatureSpot

***Eremocoris podagricus* (Fabricius, 1775)**

Number of records = 19, Number of tetrads = 15

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: local

VC55 status (provisional): occasional

Habitat: dry, sandy/chalky areas including heaths; barren ground with vegetable and other natural debris

Associated plant(s): mosses and Hawthorn (*Crataegus*)

Records:

* First VC55: Ketton Quarry, 1985, D.A. Lott, Leics Museum

** Last VC55: Sence Valley, 2023, T. Gatlen, NatureSpot

***Eremocoris fenestratus* (Herrich-Schäffer, 1839)**

Number of records = 7, Number of tetrads = 5

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: RDB3 (Endangered)

VC55 status (provisional): occasional?

Habitat: coniferous/mixed woodlands, parks and gardens

Associated plant(s): Juniper (*Juniperus*) and other Cupressaceae

Records:

* First VC55: Shearsby, 2019, A. Cann, NatureSpot

** Last VC55: Broughton Astley, 2023, A. Poole, NatureSpot

2021 (Knighton (2 occurrences), A. Cann, NatureSpot)

2022 (Measham, C. Lunn, NatureSpot)

2022 (Sapcote (2 occurrences), G. Calow, NatureSpot)

***Taphropeltus contractus* (Herrich-Schäffer, 1839)**

Number of records = 8, Number of tetrads = 7

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): rare

Habitat: dry habitats, wastelands and brownfield sites with low, spreading plants and dead leaves

Records:

* First VC55: Kegworth, 1932, A. Roebuck, C&E 1973

* First VC55 after 1960: Loughborough Big Meadow, 1983, D.A. Lott, Leics Museum

** Last VC55: Holwell, 2022, A. Cann, NatureSpot

1987 (Clipsham, P. Kirby, National database)

1991; 1996 (Leicester, J. Owen, Ecol.of a garden)

2021 (Quarry Farm, near Stamford, S.A. Lane, LRERC)

2022 (Long Clawson, B. Cooper, NatureSpot)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Gastrodes grossipes* (DeGeer, 1773)****Pine Cone Bug**

Number of records = 9, Number of tetrads = 6

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): few recent records

Habitat: coniferous/mixed woodland and parkland

Associated plant(s): Scots Pine (*Pinus sylvestris*), Norway Spruce (*Picea abies*) and other conifers

Records:

- * First VC55: Leicester, Pre-1892, T.A. Marshall, Saunders
- * First VC55 after 1960: Swithland Reservoir, 1983, D.A. Lott, Leics Museum
- ** Last VC55: Glenfield, 2017, M. Higgott, NatureSpot
- 1946 (Barkby Holt, D. Tozer, Leics Museum)
- 1985 (Ambion Wood, D. A. Lott, Leics Museum)
- 2004 (South Wood, D. Budworth, DaNES)
- 2012 (Narborough, S.A. Lane, NBN)
- 2016; 2017 (Glenfield, M. Higgott, NatureSpot)

Berytidae (Stiltbugs)

UK – 9 species

VC55 – 7 species

Stiltbugs have extremely fine, long and slender legs and antennae, superficially resembling *Empicoris* and some of the *Dicyphus* mirid bugs. The antennae are bent at the first joint (geniculate) and with a clubbed end. The joints of the femora and 1st antennal segment are often swollen and darker coloured, which is a useful feature in identification. Although primarily sap-feeding they may also eat insects on their typical foodplant.

***Metatropis rufescens* (ST)**

***Berytinus (Berytinus) hirticornis* (Brullé, 1835)**

Number of records = 1, Number of tetrads = 1

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: previously rare (Devon); now expanding range, widespread, common in S.E.

VC55 status (provisional): few recent records; rare?

Habitat: dry and/or calcareous grasslands with short sward & bare ground

Associated plant(s): grasses (Poaceae), heathers (Ericaceae) and composites

Records:

- * First VC55: Anstey, 2019, M. Higgott, NatureSpot

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Berytinus (Berytinus) crassipes* (Herrich-Schäffer, 1835)**

Number of records = 2, Number of tetrads = 2

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: local

VC55 status (provisional): few recent records; rare?

Habitat: dry, grassy habitats with bare ground; wasteland and brownfield sites

Associated plant(s): range of plants including chickweeds (*Cerastium* and *Stellaria* species) and heathers (Ericaceae)

Records:

* First VC55: Beacon Hill, 1979, P. Kirby, Terr.Het.cards

** Last VC55: Narborough, 2012, S.A. Lane, NBN

***Berytinus (Berytinus) minor* (Herrich-Schäffer, 1835)**

Number of records = 13, Number of tetrads = 12

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): occasional

Habitat: open dry/sandy habitats with short sward & bare ground

Associated plant(s): Restharrow (*Ononis*), clovers (*Trifolium*), Lesser Hop-trefoil (*Trifolium dubium*), Medick (*Medicago*)

Records:

* First VC55: Tilton, 1983, D.A. Lott, Leics Museum

** Last VC55: Stonesby Quarry, 2023, A. Cann, NatureSpot

** Last VC55: Merry's Meadows, 2023, A. Cann, NatureSpot

2010 (Barkby Thorpe, 2 occurrences, M. Telfer, LRERC)

2011 (Grobby, S.F. Woodward)

2012 (Ashby de la Zouch, Lounge, T. Bantock, National database)

2012 (Leicester, H.A. Peacock, NatureSpot)

2014 (Ellistown, S. Lane, LRERC)

2019 (Broughton Astley, C. Mabbett, NatureSpot)

2021 (Pickworth Great Wood, A. Cann, NatureSpot)

2022 (Stonesby Quarry, A. Cann, NatureSpot)

***Berytinus (Berytinus) montivagus* (Meyer-Dür, 1841)**

Number of records = 5, Number of tetrads = 4

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): few recent records; rare?

Habitat: open dry/sandy habitats with calcareous soils; bare ground, wasteland and brownfield sites

Associated plant(s): Medick (*Medicago*)

Records:

* First VC55: Thistleton Gullet, 1987, P. Kirby, National database

** Last VC55: Anstey, 2021, M. Higgott, NatureSpot

1987 (Clipsham, P. Kirby, National database)

1987 (Thistleton Gullet, P. Kirby, National database)

2014 (Ellistown, S.A. Lane, LRERC)

***Berytinus (Berytinus) signoreti* (Fieber, 1859)**

Number of records = 4, Number of tetrads = 4

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): few recent records; rare?

Habitat: sandy/chalky habitats including grasslands with short sward & bare ground

Associated plant(s): possibly Birds-foot trefoil (*Lotus corniculatus*) and Horseshoe Vetch (*Hippocrepis comosa*)

Records:

* First VC55: Beacon Hill, 1979, P. Kirby, Terr.Het.cards

** Last VC55: Syston, 2011, R. Wright, LRERC

1987 (Clipsham, P. Kirby, National database)

1987 (Thistleton Gullet, P. Kirby, National database)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Gampsocoris punctipes* (Germar, 1822)**

Number of records = 4, Number of tetrads = 3

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): few recent records, local (host plant is scarce in east of Vice-County)

Habitat: sandy areas with short sward & bare ground

Associated plant(s): Restharrow (*Ononis*)

Records:

* First VC55: Quarry Farm, near Stamford, 2021, S.A. Lane, LRERC

** Last VC55: Ketton Quarry, 2023, S. Timms, NatureSpot

2022 (Stonesby Quarry, A. Cann, NatureSpot)

2023 (Ketton, A. Cann, NatureSpot)

***Metatropis rufescens* (Herrich-Schäffer, 1835)**

Number of records = 15, Number of tetrads = 11

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): occasional

Habitat: woodlands and woodland margins

Associated plant(s): Enchanter's Nightshade (*Circaea lutetiana*)

Records:

* First VC55: Cloud Wood, M. Bryce, 2009, DaNES

** Last VC55: Swithland Wood, 2023, S. Timms, NatureSpot

2011 (Mountsorrel Quarry, A. Godfrey, LRERC)

2012 (Grace Dieu, S.F. Woodward)

2012 (Swithland Wood, A. Russell, NatureSpot)

2012 (Ulverscroft, S.F. Woodward)

2014 (Swithland Wood, H. Ikin, S.F. Woodward)

2014 (New Lount, D. Budworth, DaNES)

2016 (Cloud Wood, S.F. Woodward)

2016 (Shenton, S.F. Woodward)

2018; 2020 (Cropston, K. Nightingale, iRecord)

2019 (Cloud Wood, B. Lygo, iRecord)

2019 (Glenfield, S. Timms, NatureSpot)

2021 (Braunstone, D. Gould, NatureSpot)

Piesmatidae (Beetbugs)

UK – 3 species

VC55 – 1 species

Very small bugs, rarely recorded but probably overlooked in VC55. Associated with coastal areas or ruderal/arable land. The 'bobbly' texture and lace-like reticulation of the pronotum and forewings of the dorsal surface are similar to lacebugs.



Piesma maculatum (ST)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Piesma maculatum* (Laporte, 1832)**

Number of records = 5, Number of tetrads = 5

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: widespread, commoner in south

VC55 status (provisional): few recent records, uncommon?

Habitat: any suitable habitat with the host plants

Associated plant(s): Fat-hen, goosefoots, etc. (Chenopodiaceae)

Records:

* First VC55: Ashby de la Zouch, 1932, A. Roebuck, C&E 1973

* First VC55 after 1960: Edith Weston, 1999, P. Kirby, LRERC

** Last VC55: Bagworth, 2020, S. Timms, NatureSpot
2010 (Barkby Thorpe, M. Telfer, LRERC)

2015 (Loughborough Big Meadow, M. Telfer, LRERC)

Tingidae (Lacebugs)

UK – 27 species

VC55 – 13 species

Small plant-feeders; some species live in moss and are brachypterous; others are strongly associated with a specific plant. Adults are often covered in wax. The lace-like mesh on the sides of the forewings and pronotum is characteristic, and shared only with Beet-bugs. Lacebugs often have horns and spiny process on the head, and some have a lacy hood (an extension to the pronotum).



Kalama tricornis (ST)

***Acalypta parvula* (Fallén, 1807)**

Number of records = 25, Number of tetrads = 22

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): uncommon; probably overlooked

Habitat: short mosses on dry soils

Associated plant(s): moss

Records:

* First VC55: Newtown Linford, Pre-1907, [-], VCH

* First VC55 after 1960: Shepshed, 1964, H.A.B. Clements, C&E 1973

** Last VC55: Albert Village, 2023, S. Timms, NatureSpot

***Campylosteira verna* (Fallén, 1826)**

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: local, S. England

VC55 status (provisional): rare

Habitat: mosses on sparsely-vegetated calcareous soils.

Associated plant(s): mosses

Records:

* First VC55: Quarry Farm, near Stamford, 2021, S.A. Lane, LRERC

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Dictyonota strichnocera* Fieber, 1844****Gorse Lacebug**

Number of records = 38, Number of tetrads = 22

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: widespread

VC55 status (provisional): occasional, local

Habitat: heathland and other habitats with gorse or broom

Associated plant(s): Gorse (*Ulex*), occasionally Broom (*Cytisus scoparius*)

Records:

* First VC55: Croft Hill, Pre-1907, [-], VCH

* First VC55 after 1960: The Outwoods, 1963, H.A.B. Clements, Leics Museum

** Last VC55: Burrough Hill, 2023, S. Timms

***Dictyonota fuliginosa* A. Costa, 1853**

Number of records = 3, Number of tetrads = 3

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: local, S.E. England

VC55 status (provisional): uncommon, local

Habitat: heathland and other habitats with broom

Associated plant(s): Broom (*Cytisus scoparius*)

Records:

* First VC55: Newtown Linford, 2023, S. Timms, NatureSpot

** Last VC55: Bagworth, 2023, S. Timms, NatureSpot
2023 (Croft Hill, A. Cann, NatureSpot)

***Kalama tricornis* (Schrank, 1801)**

Number of records = 5, Number of tetrads = 5

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: local, widespread

VC55 status (provisional): rare

Habitat: various dry habitats with low-growing vegetation, including arable land and verges

Associated plant(s): variety of plants including Black Medick (*Medicago lupulina*) and composites such as Common Ragwort (*Jacobaea vulgaris*)

Records:

* First VC55: Loughborough, 1928, D. Tozer, Leics. Museum [This specimen is labelled in error as *Derephysia foliacea* and is listed in C&E as such]

* First VC55 after 1960: Saltby, 1978, [-], NELCS/LRERC

** Last VC55: Quarry Farm, near Stamford, 2021, S.A. Lane, LRERC
1983 (Lockington Marshes, D.A. Loft, LRERC)
1987 (Clipsham, P. Kirby, National database)

***Catoplatus fabricii* (Stal, 1868)**

Number of records = 4, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: Nationally Scarce (Notable B)

VC55 status (provisional): rare

Habitat: open and dry calcareous habitats

Associated plant(s): Ox-eye Daisy (*Leucanthemum vulgare*)

Records:

* First VC55: Loughborough, 1948, [-], NBN - Tullie House Museum - unconfirmed

* First VC55 after 1960: Ellistown, 2014, S.A. Lane, LRERC

** Last VC55: Ellistown, 2014, S.A. Lane, LRERC

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Derephysia (Derephysia) foliacea* (Fallén, 1807)**

Number of records = 11, Number of tetrads = 7

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: local

VC55 status (provisional): uncommon, may be overlooked

Habitat: any habitat with ivy

Associated plant(s): Ivy (*Hedera helix*)

Records:

- * First VC55: Leicester, Pre-1907, [-], VCH
- * First VC55 after 1960: Piper Hole, 1978, [-], NELCS/LRERC
- ** Last VC55: Leicester, 2023, A. Cann, NatureSpot
- 1932 (Kegworth, A. Roebuck, C&E 1973)
- 1978 (Harby Hills, [-], NBN)
- 1978 (Piper Hole, 2 occurrences, [-], NELCS/LRERC)
- 1987 (Thistleton Gullet, P. Kirby, National database)
- 2011 (Grace Dieu, H. Ikin, S.F. Woodward)
- 2011 (Mountsorrel Quarry, A. Godfrey, LRERC)
- 2018 (Anstey, M. Higgott, NatureSpot)

Stephanitis rhododendri* Horváth, 1905*Rhododendron Lacebug**

Number of records = 1, Number of tetrads = 1

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: local

VC55 status (provisional): no recent records; rare?

Habitat: any suitable habitat with rhododendron

Associated plant(s): Rhododendron

Records:

- * First VC55: Leicestershire, Pre-1945, [-], Bedwell & Massee

Stephanitis takeyai* Drake & Maa, 1955*Andromeda Lacebug**

Number of records = 48, Number of tetrads = 9

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: Japan, 1998. Local but spreading

VC55 status (provisional): occasional, local

Habitat: any habitat with the host plant

Associated plant(s): woody Ericaceae: *Rhododendron*, *Azalea*, *Pieris*

Records:

- * First VC55: Anstey, 2014, M. Higgott, NatureSpot
- ** Last VC55: Cropston, 2023, K. Nightingale
- 2018 (Leicester, A. Smith, NatureSpot)
- 2019; 2021; 2022 (Cropston, K. Nightingale)
- 2020-2023 (Anstey, M. Higgott, NatureSpot)
- 2021 (Leicester, G. Gamble, NatureSpot)
- 2021 (Leicester, M. Bell, iRecord)
- 2022 (Stretton, M. Berriman, iRecord)
- 2022; 2023 (Sapcote, G. Calow, NatureSpot)
- 2023 (Donisthorpe, A. Cann, NatureSpot)
- 2023 (Leicester, C. Pochin, NatureSpot)
- 2023 (Leicester, P. Smith, NatureSpot)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist

Tingis (Tingis) ampliata* (Herrich-Schäffer, 1838)*Creeping Thistle Lacebug**

Number of records = 130, Number of tetrads = 75

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): common

Habitat: meadows, verges, arable land, brownfield

Associated plant(s): Creeping Thistle (*Cirsium arvense*)

Records:

- * First VC55: Kilby, 1952, D. Tozer, Leics Museum. [Note: this specimen is labelled *Tingis reticulata* and listed as such in C&E]
- * First VC55 after 1960: Foxton Locks, 1960, I.M. Evans, Leics Museum
- ** Last VC55: Albert Village, 2023, S. Timms

Tingis (Tingis) cardui* (Linnaeus, 1758)*Spear Thistle Lacebug**

Number of records = 125, Number of tetrads = 81

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): common

Habitat: meadows, verges, arable land and brownfield sites

Associated plant(s): Spear Thistle (*Cirsium vulgare*); also on Musk Thistle (*Carduus nutans*)

Records:

- * First VC55: Leicestershire, Pre-1907, [-], VCH
- * First VC55 after 1960: Asfordby, 1978, [-], NELCS/LRERC
- ** Last VC55: Grace Dieu, 2023, S. Timms, NatureSpot

***Physatocheila dumetorum* (Herrich-Schäffer, 1838)**

Number of records = 14, Number of tetrads = 11

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: widespread

VC55 status (provisional): occasional

Habitat: lichen covered hawthorn in particular

Associated plant(s): Hawthorn (*Crataegus*)

Records:

- * First VC55: Leicester, 2001, J. Owen, Ecol.of a garden
- ** Last VC55: Bagworth, 2023, S. Timms
- 2012 (Ratby, D. Nicholls, NatureSpot)
- 2013 (Whetstone, M. Skevington)
- 2014 (Croft Hill, M. Skevington)
- 2015 (Thurcaston, H. Ikin, S.F. Woodward)
- 2018; 2019 (Long Clawson, B. Cooper, NatureSpot)
- 2019 (Stoney Stanton, A. Smith, NatureSpot)
- 2019; 2021 (Bagworth, S. Timms, NatureSpot)
- 2019 (Anstey, M. Higgott, NatureSpot)
- 2019 (Aylestone Meadows, M. Skevington, NatureSpot)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist

***Dictyla convergens* (Herrich-Schäffer, 1835)**

Number of records = 12, Number of tetrads = 9

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: local, widespread

VC55 status (provisional): uncommon, local

Habitat: wet habitats including riparian

Associated plant(s): Water Forget-me-not (*Myosotis scorpioides*)

Records:

* First VC55: Ashby Canal, 1981, D.G. Goddard, Leics Museum

** Last VC55: Hicks Lodge, 2023, S. Timms, NatureSpot

1981 (Dunton Bassett, D.G. Goddard, Leics Museum)

1983 (Swithland Reservoir, D.A. Lott, Leics Museum)

2013 (Long Clawson, B. Cooper, NatureSpot)

2014 (Donington le Heath, H. Ikin/S.F. Woodward)

2020 (Cropston, 2 occurrences, P. Smith, NatureSpot)

2021 (Quarry Farm, near Stamford, S.A. Lane, LRERC)

2022 (Rutland Water, 2 occurrences, T. Sexton, NatureSpot)

[Note: ***Tingis reticulata***. A specimen collected by D. Tozer in 1952 from Kilby and labelled as ***Tingis reticulata*** is in Leicestershire Museum's collection. It is listed as this in Clements & Evans, 1973, but lacks the long hairs characteristic of this scarce species and has been re-determined as ***Tingis ampliata*** (and is the first VC55 record for this species)]

Reduviidae (Assassin bugs)

UK – 10 species

VC55 – 3 species

A large family of mainly tropical species, with few representatives in Britain. Many are large and active hunters and have an association with human habitation. The Assassin bug is reported to give a painful bite unless handled carefully; it had become scarce in VC55 in recent years but may be returning. The *Empicoris* are very different in form; slender, fragile bugs that are rarely recorded in VC55.



***Reduvius personatus* (Graham Calow, NatureSpot)**

***Empicoris vagabundus* (Linnaeus, 1758)**

Number of records = 12, Number of tetrads = 8

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): uncommon

Habitat: anywhere with deciduous or coniferous trees

Associated plant(s): deciduous and coniferous trees (also Marram-grass (*Ammophila arenaria*) in coastal areas)

Records:

* First VC55: Anstey, Pre-1907, J. Stanyon, VCH

* First VC55 after 1960: Swithland Reservoir, 1983, D.A. Lott, Leics Museum

** Last VC55: Knighton, 2023, A. Cann, NatureSpot

1983 (Markfield, D.T. Grewcock, Leics Museum)

1984 (Ulverscroft, K.N.A. Alexander, LRWT)

1989 (Burley Wood, D.A. Lott, Leics Museum)

2011; 2016; 2017 (Sapcote, G. Calow, NatureSpot)

2012 (Rutland Water, [-], LRERC)

2018 (Cropston, K. Nightingale)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist

***Empicoris culiciformis* (DeGeer, 1773)**

Number of records = 7, Number of tetrads = 7

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): uncommon

Habitat: broadleaved and grassy habitats; old walls, granaries and birds' nests

Associated plant(s): occasionally Oak (*Quercus*) trees and low herbage

Records:

- * First VC55: Kegworth, 1923, A. Roebuck, C&E 1973
- * First VC55 after 1960: Leicester, 1986, B. Meloy, Leics Museum
- ** Last VC55: Leicester, 2023, P. Smith, NatureSpot
- 2009 (Braunstone, D. Gould, NatureSpot)
- 2018 (Anstey, M. Higgott, NatureSpot)
- 2021 (Whetstone, M. Skevington, NatureSpot)
- 2022 (Groby, S.F. Woodward)

***Reduvius personatus* (Linnaeus, 1758)**

Number of records = 12, Number of tetrads = 9

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: mainly S. and C. England

VC55 status (provisional): uncommon; several recent records indicate return to VC55 after long absence

Habitat: houses (synanthropic)

Records:

- * First VC55: Gilmorton, 1945, [-], Leics Museum
- * First VC55 after 1960: Buckminster, 2015, A. Russell, NatureSpot
- ** Last VC55: Horninghold, 2022, W. Kirby, NatureSpot
- ** Last VC55: Sapcote, 2022, G. Calow, NatureSpot
- 1949 (Market Harborough, R.N. Sculthorpe, LRERC)
- 1955 (Leicestershire, [-], Massee)
- 2015 (Whetstone, M. Skevington, NatureSpot)
- 2019 (Market Harborough, C. Bates, DaNES)
- 2020 (Broughton Astley, C. Mabbett, NatureSpot)
- 2020 (Sapcote, G. Calow, NatureSpot)
- 2020 (Wymondham, C. Vint, NatureSpot)
- 2022 (Thurcaston, T. Gatlen, NatureSpot)

Nabidae (Damsel Bugs)

UK – 14 species

VC55 – 9 species

The adults and larvae of Damselbugs are active and fierce predators. They are usually brown, occasionally with marbling or mottling and red marks on the sides of the abdomen (the connexium). The rostrum is large and curved when seen in side-view, and is not held against the body. Some species are brachypterous, and there is often a marked difference in shape between sexes, with males having narrower abdomens and females being more oval. Identification of some species is tricky and requires careful observation.



Nabis ferus (ST)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist

Nabis (Nabicula) flavomarginatus* Scholtz, 1847*Broad Damsel Bug**

Number of records = 64, Number of tetrads = 44

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): common

Habitat: damp grasslands, preferably

Associated plant(s): grasses (Poaceae)

Records:

* First VC55: Anstey Lane, Pre-1907, [-], VCH

* First VC55 after 1960: Charnwood Lodge, 1962, H.A.B. Clements, C&E 1973

** Last VC55: Holwell, 2023, K. Nightingale

Nabis (Nabis) ferus* (Linnaeus, 1758)*Field Damsel Bug**

Number of records = 105, Number of tetrads = 60

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): common

Habitat: dry grassy habitats including arable fields and heaths

Associated plant(s): grasses (Poaceae)

Records:

* First VC55: Sheet Hedges Wood, Pre-1907, [-], VCH

* First VC55 after 1960: Leicester, 1962, K. Edwards, C&E 1973

** Last VC55: Thurcaston, 2023, K. Nightingale

Nabis (Nabis) rugosus* (Linnaeus, 1758)*Common Damsel Bug**

Number of records = 63, Number of tetrads = 42

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): common

Habitat: grasslands

Associated plant(s): grasses (Poaceae)

Records:

* First VC55: Ulverscroft, Pre-1907, [-], VCH

* First VC55 after 1960: Bradgate, 1962, H.A.B. Clements, Leics Museum

** Last VC55: Bradgate Park, 2023, A. Cann, NatureSpot

Nabis (Dolichonabis) limbatus* Dahlbom, 1851*Marsh Damsel Bug**

Number of records = 161, Number of tetrads = 99

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): common

Habitat: damp grassland with rank vegetation

Associated plant(s): grasses (Poaceae)

Records:

* First VC55: Kegworth, 1932, A. Roebuck, C&E 1973

* First VC55 after 1960: Kilby Bridge, 1962, K. Edwards, C&E 1973

** Last VC55: Rough Hill, 2023, S. Timms, NatureSpot

LESOPS 64: Terrestrial Heteroptera Provisional Checklist

Nabis (Limnonabis) lineatus* Dahlbom, 1851*Reed Damsel Bug**

Number of records = 3, Number of tetrads = 2

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: local

VC55 status (provisional): rare?

Habitat: wetlands

Associated plant(s): usually with Common Reed (*Phragmites australis*), sedges (*Carex*), rushes (*Juncus*)

Records:

- * First VC55: Loughborough Big Meadow, 2007, D.A. Lott, LRERC
- ** Last VC55: Lockington, 2017, R. Wright, LRERC
2007 (Loughborough Big Meadow, D.A.Lott, LRERC)

Himacerus (Aptus) mirmicoides* (O. Costa, 1834)*Ant Damsel Bug**

Number of records = 132, Number of tetrads = 62

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): common

Habitat: dry open habitats

Associated plant(s): grasses (Poaceae), Nettle (*Urtica dioica*) and other low herbage

Records:

- * First VC55: Ketton Quarry, 1983, D.A. Lott, Leics Museum
- ** Last VC55: Cropston, 2023, K. Nightingale

Himacerus (Himacerus) apterus* (Fabricius, 1798)*Tree Damsel Bug**

Number of records = 174, Number of tetrads = 90

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): common

Habitat: broadleaved/mixed woodland and other arboreal habitats

Associated plant(s): deciduous trees, occasionally conifers

Records:

- * First VC55: Clipsham Old Quarry, 1979, D. Rands, Leics Museum
- ** Last VC55: Donisthorpe, 2023, S. Timms

Himacerus (Anaptus) major* (A. Costa, 1842)*Grey Damsel Bug**

Number of records = 36, Number of tetrads = 29

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): frequent

Habitat: grassy habitats, particularly sandy

Associated plant(s): grasses (Poaceae)

Records:

- * First VC55: Leicestershire, Pre-1907, [-], VCH
- * First VC55 after 1960: Leicester, 1962, D.G. Goddard, C&E 1973
- ** Last VC55: Stretton en le Field, 2022, M. Berriman, iRecord

LESOPS 64: Terrestrial Heteroptera Provisional Checklist

Himacerus (Stalia) boops (Schjødte, 1870)

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: local

VC55 status (provisional): one older record, may not longer be present

Habitat: dry grassland including heathland; around tussocks

Associated plant(s): grasses (Poaceae)

Records:

* First VC55: Ulverscroft, 1967, H.A.B. Clements, Leics Museum

[Note – ***Nabis pseudoferus*** A specimen collected by H.A.B. Clements from the Outwoods in 1963 and labelled as ***Nabis pseudoferus*** is in Leicestershire Museum's collection. It is listed as this in Clements & Evans, 1973, but has been re-determined as ***Nabis rugosus*** in the rarer macropterous form.]

Anthocoridae (Flower Bugs/Pirate Bugs)

UK – 34 species

VC55 – 25 species

A family of small and overlooked bugs, which are very difficult to identify. Usually dissection of the male paramere, or clasper, is needed. All are predatory, and some can give a painful bite, despite their small size.



Anthocoris butleri (AC)

Temnostethus (Montandoniella) gracilis Horváth, 1907

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: local

VC55 status (provisional): no recent records

Habitat: broadleaved/mixed woodland and other locations with mosses/lichens

Associated plant(s): wide variety of deciduous trees, plus mosses and lichens

Records:

* First VC55: Smeeton Westerby, 1984, D.A. Lott, Leics Museum

Temnostethus (Montandoniella) pusillus (Herrich-Schäffer, 1835)

Number of records = 3, Number of tetrads = 2

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): few records, probably under-recorded

Habitat: broadleaved/mixed woodland and hedgerows; other arboreal habitats

Associated plant(s): deciduous trees - Oak (*Quercus*), Beech (*Fagus sylvatica*) and *Prunus* species

Records:

* First VC55: Leicestershire, Pre-1907, [-], VCH

* First VC55 after 1960: Barkby Thorpe, 2010, M. Telfer, LRERC

** Last VC55: Ketton Quarry, 2023, S. Timms, NatureSpot

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Anthocoris confusus* Reuter, 1884**

Number of records = 71, Number of tetrads = 37

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): common

Habitat: broadleaved/mixed woodland, hedgerows, and riparian habitats

Associated plant(s): deciduous trees including Oak (*Quercus*), Maple (*Acer*), Hawthorn (*Crataegus*), Willow (*Salix*), Ash (*Fraxinus excelsior*)

Records:

- * First VC55: Leicester, Pre-1907, [-], VCH
- * First VC55 after 1960: Beacon Hill, 1963, H.A.B. Clements, Leics Museum
- ** Last VC55: Thornton, 2023, S. Timms, NatureSpot

***Anthocoris simulans* Reuter, 1884**

Number of records = 6, Number of tetrads = 3

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): rarely recorded

Habitat: broadleaved/mixed woodland, hedgerows and damp/riparian habitats

Associated plant(s): usually Ash (*Fraxinus excelsior*); also Dogwood (*Cornus*), *Prunus* species and Willow (*Salix*)

Records:

- * First VC55: Leicester, 1990, J. Owen, Ecol.of a garden
- ** Last VC55: Quarry Farm, near Stamford, 2021, S.A. Lane, LRERC
1998; 1999 (Leicester, J. Owen, Ecol.of a garden)
1999 (Ketton, P. Kirby, LRERC)

***Anthocoris nemoralis* (Fabricius, 1794)**

Number of records = 124, Number of tetrads = 66

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): common

Habitat: broadleaved/mixed woodland and other arboreal habitats

Associated plant(s): variety of deciduous trees

Records:

- * First VC55: Knipton Reservoir, 1979, D.G. Goddard, Leics Museum
- ** Last VC55: Leicester, 2023, A. Cann, NatureSpot

***Anthocoris butleri* Le Quesne, 1958**

Number of records = 8, Number of tetrads = 8

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): occasional; local

Habitat: any habitat with box, including parks and gardens

Associated plant(s): Box (*Buxus sempervirens*)

Records:

- * First VC55: Market Bosworth, 2023, S. Timms, NatureSpot
- ** Last VC55: Hugglescote, 2023, S. Timms, NatureSpot
2023 (Bagworth, S. Timms)
2023 (Diseworth, S. Timms, NatureSpot)
2023 (Hungarton, S. Timms)
2023 (Knighton, A. Cann, NatureSpot)
2023 (Rotherby, S. Timms)
2023 (Sheepy Magna, S. Timms, NatureSpot)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Anthocoris sarothamni* Douglas & Scott, 1865**

Number of records = 1, Number of tetrads = 1

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common/widespread

VC55 status (provisional): rare?

Habitat: heathland and other habitats with broom

Associated plant(s): Broom (*Cytisus scoparius*)

Records:

* First VC55: Newtown Linford, 2023, S. Timms, NatureSpot

***Anthocoris gallarum-ulmi* (DeGeer, 1773)**

Number of records = 11, Number of tetrads = 9

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: local

VC55 status (provisional): uncommon, local; gall is not very common

Habitat: hedgerows and broadleaved/mixed woodland

Associated plant(s): Elm (*Ulmus*), usually English Elm (*Ulmus procera sensu lato*) in the leaf-curl galls caused by the aphid *Eriosoma ulmi*. Occasionally Ash (*Fraxinus excelsior*) and currant species (*Ribes*); possibly also Maple (*Acer*) and Blackthorn (*Prunus spinosa*)

Records:

* First VC55: Groby, Pre-1907, [-], VCH

* First VC55 after 1960: Barrow upon Soar, 1981, D.G. Goddard, Leics Museum

** Last VC55: Heather, 2023, S. Timms, NatureSpot

1926 (Leicestershire, A. Roebuck, C&E 1973)

1999 (Ketton, P. Kirby, LRERC)

2019 (Glenfield, S. Timms, NatureSpot)

2019 (Thornton, S. Timms, NatureSpot)

2023 (Ab Kettleby, S. Timms)

2023 (Kirby Muxloe, S. Timms, NatureSpot)

2023 (Nailstone Wiggs, S. Timms, NatureSpot)

Anthocoris nemorum* (Linnaeus, 1761)*Common Flower Bug**

Number of records = 625, Number of tetrads = 173

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): very common

Habitat: any suitable habitat with the host plants

Associated plant(s): low-growing vegetation including nettles (*Urtica dioica*) but also deciduous trees

Records:

* First VC55: Leicestershire, Pre-1907, [-], VCH

* First VC55 after 1960: Debdale Wharf, 1960, I.M. Evans, Terr.Het.cards

** Last VC55: Bagworth, 2023, S. Timms

***Anthocoris limbatus* Fieber, 1836**

Number of records = 3, Number of tetrads = 3

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: local

VC55 status (provisional): rare?

Habitat: damp broadleaved/mixed woodland and riparian habitats

Associated plant(s): willows and sallows (*Salix*)

Records:

* First VC55: Barrow upon Soar, 1983, D.A. Lott, Leics Museum

** Last VC55: Ratcliffe on the Wreake, 2023, S. Timms

2007 (Priory Water, 2007, T. Cook, DaNES)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Anthocoris amplicollis* Horváth, 1893**

Number of records = 2, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: RDB3 (Rare)

VC55 status (provisional): rare

Habitat: broadleaved/mixed woodland and hedgerows; other habitats including parks and gardens

Associated plant(s): Ash (*Fraxinus excelsior*), Narrow-leaved Ash (*Fraxinus angustifolia*), Box (*Buxus sempervirens*)

Records:

* First VC55: Quarry Farm, near Stamford, 2021, S.A. Lane, LRERC

** Last VC55: Quarry Farm, near Stamford, 2021, S.A. Lane, LRERC

***Anthocoris minki* Dohrn, 1860**

Number of records = 5, Number of tetrads = 4

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: RDB3. [Note: the *Anthocoris minki* of Southwood & Leston is actually *Anthocoris simulans*]

VC55 status (provisional): very local/rare; occurring in very few galls that have been examined, although galls are common on suitable hosts.

Habitat: any suitable habitat with host plant

Associated plant(s): Black Poplars, especially Lombardy Poplar (*Populus nigra* var. '*Italica*'), in petiole galls caused by the aphid *Pemphigus*.

Records:

* First VC55: Loughborough, 2023, S. Timms, NatureSpot

** Last VC55: Oadby, 2023, A. Cann, NatureSpot

2023 (Leicester, Evington, A. Cann, NatureSpot)

2023 (Leicester, Knighton, A. Cann, NatureSpot)

2023 (Loughborough, H. Graves, NatureSpot)

***Tetraphleps bicuspis* (Herrich-Schäffer, 1835)**

Number of records = 4, Number of tetrads = 4

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): few records, probably under-recorded

Habitat: coniferous/mixed woodland; any habitat with conifers

Associated plant(s): Larch (*Larix*) and other conifers

Records:

* First VC55: Leicester, Pre-1907, [-], VCH

* First VC55: Swithland Reservoir, 1984, D.A. Lott, Leics Museum

** Last VC55: Leicester, 2023, A. Cann, NatureSpot

2013 (Attenborough Arboretum G. Burton, Leicester, DaNES)

[Note: a specimen collected by H.A.B. Clements in Shepshed 1964 and in Leicestershire Museum' collection is labelled as *Tetraphleps bicuspis*, and listed as such in C&E, but has been redetermined to *Lyctocoris campestris*.]

***Acompocoris alpinus* Reuter, 1875**

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): rarely recorded

Habitat: coniferous/mixed woodland

Associated plant(s): Spruce (*Picea*) and other conifers

Records:

* First VC55: New Lount, 2023, S. Timms, NatureSpot

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Acompocoris pygmaeus* (Fallén, 1807)**

Number of records = 2, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): rarely recorded

Habitat: coniferous/mixed woodland and parkland

Associated plant(s): Scots Pine (*Pinus sylvestris*); Austrian/Black Pine (*Pinus nigra*)

Records:

* First VC55: Leicestershire, Pre-1907, [-], VCH

** 1. Last VC55: Narborough, 2012, S.A. Lane, NBN

[Note: several specimens of *Acompocoris* are in the Leicestershire Museum collection, labelled *A. pygmaeus*. Some have characteristics of *A. alpinus*. The differences between the two species are slight and it has not been possible to confirm or re-determine these with confidence, so they are not included in the checklist.]

***Orius (Heterorius) majusculus* (Reuter, 1879)**

Number of records = 5, Number of tetrads = 5

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): few records, probably under-recorded

Habitat: any suitable habitat with the host plants, including plant nurseries and gardens

Associated plant(s): various trees, shrubs, horticultural crops

Records:

* First VC55: Shardlow, 1981, P. Kirby, National database

** Last VC55: Measham, 2008, K.N.A. Alexander, LRERC

1982 (Barrow upon Soar, D.A. Lott, Leics Museum)

1984 (Smeeton Westerby, D.A. Lott, Leics Museum)

1999 (Edith Weston, P. Kirby, LRERC)

***Orius (Heterorius) vicinus* (Ribaut, 1923)**

Number of records = 18, Number of tetrads = 11

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): few records, probably under-recorded

Habitat: any suitable habitat with the host plants, including plant nurseries and gardens

Associated plant(s): various trees, shrubs, horticultural crops

Records:

* First VC55: Barrow upon Soar, 1983, D.A. Lott, Leics Museum

** Last VC55: Albert Village, 2023, S. Timms, NatureSpot

1984 (Smeeton Westerby, D.A. Lott, Leics Museum)

1984; 1990; 1992; 1994-97; 1999; 2001 (Leicester, J. Owen, Ecol. of a garden)

1987 (Thistleton Gullet, P. Kirby, National database)

1999 (Edith Weston, P. Kirby, LRERC)

2007 (Barrow upon Soar, D.A. Lott, LRERC)

2007 (Loughborough Big Meadow, D.A. Lott, LRERC)

2012 (Narborough, S.A. Lane, NBN)

2018 (Hallaton, 2018, T. Cook, LRES)

***Orius (Heterorius) laticollis* (Reuter, 1884)**

Number of records = 3, Number of tetrads = 3

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: local

VC55 status (provisional): rarely recorded

Habitat: wide range of arboreal habitats including damp woodland and riparian habitats

Associated plant(s): deciduous trees, mainly Willow (*Salix*), Alder (*Alnus*), Poplar (*Populus*) and Oak (*Quercus*).

Records:

* First VC55: Saddington Reservoir, 1984, D.A. Lott, Leics Museum

** Last VC55: Lockington Marshes, 2010, K.N.A. Alexander, LRERC

2010 (Barkby Thorpe, M. Telfer, LRERC)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Orius (Orius) niger (Wolff, 1811)***

Number of records = 8, Number of tetrads = 7

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): few records, probably under-recorded

Habitat: often on heathland

Associated plant(s): low-growing plants particularly heathland species; also Mugwort (*Artemisia vulgaris*)

Records:

- * First VC55: Clipsham, 1987, P. Kirby, National database
- ** Last VC55: Rutland Water, 2022, T. Sexton, NatureSpot
- 1987 (Thistleton Gullet, P. Kirby, National database)
- 1999 (Edith Weston, P. Kirby, LRERC)
- 2007 (Barrow upon Soar, D.A. Lott, LRERC)
- 2008 (Measham, K.N.A. Alexander, LRERC)
- 2011 (Syston, R. Wright, LRERC)

Orius (Orius) laevigatus (Fieber, 1860)

Number of records = 8, Number of tetrads = 6

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): few records, probably under-recorded

Habitat: any suitable habitat with the host plants, including plant nurseries and gardens

Associated plant(s): various trees, shrubs, horticultural crops

Records:

- * First VC55: Leicester, 1989, J. Owen, Ecol.of a garden
- ** Last VC55: Whetstone, 2023, A. Cann, NatureSpot
- 1990; 1993 (Leicester, J. Owen, Ecol.of a garden)
- 2018 (Moir, D. Budworth, DaNES)
- 2022 (Saddington, A. Cann, NatureSpot)
- 2023 (Rothley, S. Timms)
- 2023 (Thorpe Langton, A. Cann, NatureSpot)

Lyctocoris (Lyctocoris) campestris (Fabricius, 1794)**Debris Bug**

Number of records = 10, Number of tetrads = 9

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): no recent records; possibly overlooked.

Habitat: stored grain, agricultural buildings, bird and mammal nests, flood and vegetable debris

Records:

- * First VC55: Leicestershire, Pre-1907, [-], VCH
- * First VC55 after 1960: Shepshed, 1964, H.A.B. Clements, Leics Museum
- ** Last VC55: Quorn, 1987, D.A. Lott, Leics Museum
- 1928 (Leicester, D. Tozer, Leics Museum)
- 1932 (Oakham, A. Roebuck, C&E 1973)
- 1983 (Loughborough Big Meadow, D.A. Lott, Leics Museum)
- 1985 (Leicester, D.A. Lott, Leics Museum)
- 1985 (Leicester, J. Owen, National database)
- 1986 (Quorn, D.A. Lott, Leics Museum)
- 2009 (Aylestone Meadows, D. Budworth, DaNES)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist

Xylocoris (Proxylocoris) galactinus (Fieber, 1836)**Hot-bed Bug**

Number of records = 5, Number of tetrads = 4

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): no recent records; under-recorded?

Habitat: on leaves or under tree bark, also in vegetable litter, manure heaps, stored hay and grain

Associated plant(s): variety of tree species

Records:

* First VC55: Groby, Pre-1907, [-], VCH

* First VC55 after 1960: Shepshed, 1964, H.A.B. Clements, Leics Museum [this specimen was labelled in error as *Xylocoris cursitans*]

** Last VC55: Leicester, 1990, J. Owen, Ecol.of a garden

1985 (Leicester, D.A. Lott, Leics Museum)

1989 (Leicester, J. Owen, Ecol.of a garden)

Xylocoris (Xylocoris) cursitans (Fallén, 1807)

Number of records = 6, Number of tetrads = 5

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): few records, probably under-recorded

Habitat: deciduous woodland, under the bark of (mainly) Beech and Oak in early stages of decay, but other tree species utilised

Associated plant(s): Beech (*Fagus sylvatica*), Oak (*Quercus*); other trees including conifers

Records:

* First VC55: Wigston, 1983, D.A. Lott, Leics Museum

** Last VC55: The Outwoods, 2007, K.N.A. Alexander, National database

1986 (Croxtan Park, D.A. Lott, Leics Museum)

1990 (Bradgate Park, D.A. Lott, Leics Museum)

1999 (Edith Weston, P. Kirby, LRERC)

[Note: a specimen collected by H.A.B. Clements in Shepshed 1964 and in Leicestershire Museum's collection is labelled as *Xylocoris cursitans*, and listed as such in C&E, but has been redetermined to *X. galactinus*]

Cardiastethus fasciiventris (Garbiglietti, 1869)

Number of records = 15, Number of tetrads = 11

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: local

VC55 status (provisional): occasional; may be frequent but under-recorded

Habitat: coniferous/mixed woodlands; also hedgerow, low herbage and sites with deciduous trees

Associated plant(s): mainly conifers, but also some deciduous species and low-growing plants

Records:

* First VC55: Thornton Reservoir, 2021, S. Timms, NatureSpot

** Last VC55: Leicester, 2023, S. Timms

Buchananiella continua (White, 1880)

Number of records = 5, Number of tetrads = 3

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: naturalised

VC55 status (provisional): rarely recorded

Habitat: accumulations of dry vegetation, fallen or cut off branches of trees, especially Sycamore (*Acer pseudoplatanus*) with the dry foliage still present. Has also been swept from Ivy (*Hedera helix*) that has been cut back, and found under bark.

Records:

* First VC55: Sapcote, 2020, G. Calow, NatureSpot

** Last VC55: Leicester, 2023, A. Cann/S. Timms, NatureSpot

2020 (Sapcote, G. Calow, NatureSpot)

2023 (Loughborough, H. Graves, NatureSpot)

Cimicidae (Bed bugs)

UK – 4 species

VC55 – 3 species

A small family of bloodsucking species associated with human habitation or birds' nests. The bed-bug was formerly very common but was virtually eradicated from Britain. It may be returning, often as a stowaway in luggage of travellers returning from countries where it is still present. We are not aware of any recent reports from VC55. Although the bites are unpleasant, there is little evidence that the bed-bug transmits human pathogens.



Bed-bug *Cimex lectularius*
Specimen in Leicestershire Museum collection (ST)

Oeciacus hirundinis (Lamarck, 1816)

Martin Bug

Number of records = 3, Number of tetrads = 2

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): no recent records

Habitat: associated with Swallows and their nests

Records:

* First VC55: Leicester, 1977, D. Hockin, LRERC

** Last VC55: Swinford, 1985, C. Jarvis, Leics Museum
1977 (Leicester, D. Hockin, LRERC)

Cimex lectularius (Linnaeus, 1758)

Bed Bug

Number of records = 4, Number of tetrads = 1

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: synanthropic

VC55 status (provisional): no recent records

Habitat: human environments (synanthropic)

Records:

* First VC55: Leicestershire, Pre-1907, [-], VCH

* First VC55 after 1960: Leicester, 1981, C. Chauhan, Leics Museum
1929 (Leicester, D. Tozer, C&E 1973)
1930 (Leicester, D. Tozer, Leics Museum)

Cimex columbarius Jenyns, 1839

Pigeon Bug

Number of records = 1, Number of tetrads = n/a

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: RDB3

VC55 status (provisional): rare; no recent records

Habitat: birds' nests (exclusively pigeons?):

Records:

* First VC55: Leicestershire, 1977, D. Hockin, LRERC

Microphysidae

UK – 7 species
VC55 – 3 species

A family of very small bugs – some of the smallest known – and probably much overlooked and under-recorded. They are predatory, probably feeding on mites, barkflies, springtails etc. The sexes are very different in form; males are macropterous but females always short-winged.



Loricula elegantula (male) (ST)

Loricula pselaphiformis Curtis, 1833

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)
National status: widely scattered
VC55 status (provisional): no recent records, may be overlooked
Habitat: tree trunks and branches; juniper scrub
Associated plant(s): lichens on deciduous trees including Hawthorn (*Crataegus*), Beech (*Fagus sylvatica*) and Birch (*Betula*); possibly also Juniper (*Juniperus*)

Records:

* First VC55: Bradgate Park, Pre-1907, J. Stanyon, VCH

Loricula elegantula (Bärensprung, 1858)

Number of records = 11, Number of tetrads = 9

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)
National status: common
VC55 status (provisional): few recent records; may be overlooked
Habitat: tree trunks and branches, large stones and old stone walls
Associated plant(s): lichens

Records:

* First VC55: Buddon Wood, 1983, D.A. Lott, Leics Museum
** Last VC55: Narborough Bog, 2011, D. Gould, NatureSpot
1983 (Barrow upon Soar, D.A. Lott, Leics Museum)
1986 (Ulverscroft, D.A. Lott, Leics Museum)
1987 (Markfield, B.S. Nau, National database)
1989 (Burley Wood, D.A. Lott, LRWT)
1989 (Sheepy Wood, A. Fletcher, LRERC)
1999 (Edith Weston, 4 locations, P. Kirby, LRERC)

Myrmedobia exilis (Fallén, 1807)

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)
National status: widely scattered
VC55 status (provisional): no recent records, may be overlooked
Habitat: heathland?

Records:

* First VC55: Swithland Reservoir, 1983, D.A. Lott, Leics Museum

Miridae (Plantbugs)

UK – 238 species

VC55 – 152 species

A very large family, divided into sub-families and tribes

Miridae (Bryocorinae – Bryocorini)

Small, rounded bugs with a prominent pronotal collar. *Bryocoris pteridis* can occur in long-winged and short-winged form.



Bracken Bug *Monalocoris filicis* (ST)

Monalocoris (Monalocoris) filicis (Linnaeus, 1758)

Number of records = 39, Number of tetrads = 24

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: very common

VC55 status (provisional): occasional, probably local; may be under-recorded

Habitat: woodlands and heathland

Associated plant(s): ferns, especially Male and Broad Buckler ferns (*Dryopteris*); Bracken (*Pteridium aquilinum*)

Records

- * First VC55: Bradgate, Pre-1907, [-], VCH
- * First VC55 after 1960: Beacon Hill, 1962, H.A.B. Clements, Leics Museum
- ** Last VC55: Bagworth, 2023, S. Timms, NatureSpot

Bracken Bug

Bryocoris pteridis (Fallén, 1807)

Number of records = 9, Number of tetrads = 9

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: widely scattered

VC55 status (provisional): occasional

Habitat: damp and shady woodlands; not on Bracken

Associated plant(s): ferns, especially Male and Buckler ferns (*Dryopteris*)

Records:

- * First VC55: Bradgate, Pre-1907, [-], VCH
- * First VC55 after 1960: Oakley Wood, 1966, H.A.B. Clements, Leics Museum
- ** Last VC55: Bagworth, 2019, S. Timms, NatureSpot
- 1926 (Kegworth, A. Roebuck, C&E 1973)
- 1967 (Ulverscroft, H.A.B. Clements, Leics Museum)
- 1984 (Asplin Wood, D.A. Lott, Leics Museum)
- 1985 (Ambion Wood, D.A. Lott, Leics Museum)
- 2010 (Narborough Bog, D. Gould, NatureSpot)
- 2011 (Grace Dieu, H. Ikin/S.F. Woodward)

Fern Bug

Miridae (Bryocorinae – Dicyphini)

Slender, fragile-looking bugs, often with long antennae and legs; prominent pronotal collar. Some species are brachypterous, or occur in both long- and short-winged forms. Plant association can be helpful but identification is tricky, and may involve dissection of the male.



Dicyphus epilobii (ST)

Dicyphus (Dicyphus) stachydis J. Sahlberg, 1878

Number of records = 72, Number of tetrads = 55

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: very common

VC55 status (provisional): common

Habitat: hedgerows and woodland margins

Associated plant(s): Hedge Woundwort (*Stachys sylvatica*)

Records:

- * First VC55: Beacon Hill, 1979, P. Kirby, Terr.Het.cards
- * First VC55: Knipton Reservoir, 1979, D.G. Goddard, Leics Museum
- ** Last VC55: Knighton, 2023, A. Cann, NatureSpot

Dicyphus (Dicyphus) errans (Wolff, 1804)

Number of records = 12, Number of tetrads = 9

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): occasional, may be under-recorded

Habitat: hedgerows, woodland clearings and margins

Associated plant(s): Hedge Woundwort (*Stachys sylvatica*); Nettle (*Urtica dioica*)

Records:

- * First VC55: Spring Wood, 1980, D. Budworth, NBN
- ** Last VC55: Wymeswold, 2022, S. Gray, NatureSpot
- 1984; 1997-1999 (Leicester, J. Owen, Ecol.of a garden)
- 2009 (Leicester, D. Gould, NatureSpot)
- 2011 (Market Bosworth, R. Wright, LRERC)
- 2011 (Syston, R. Wright, LRERC)
- 2012 (Leicester, H.A. Peacock, NatureSpot)
- 2016 (Shawell, A. Godfrey, LRERC)
- 2021 (Dunton Bassett, M. Skevington, NatureSpot)

Dicyphus (Dicyphus) epilobii Reuter, 1883

Number of records = 136, Number of tetrads = 78

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: very common

VC55 status (provisional): very common

Habitat: any suitable habitat including field and woodland margins, verges and brownfield sites

Associated plant(s): Great Hairy Willowherb (*Epilobium hirsutum*)

Records:

- * First VC55: Scraftoff, Pre-1907, [-], VCH
- * First VC55 after 1960: Shepshed, 1963, H.A.B. Clements, Leics Museum
- ** Last VC55: Cloud Hill quarry, 2023, S. Timms

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Dicyphus (Idolocoris) pallicornis* (Fieber, 1861)**

Number of records = 16, Number of tetrads = 10

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): occasional

Habitat: woodland, hedgerows, heathland, verges, gardens

Associated plant(s): Foxglove (*Digitalis*)

Records:

- * 1. First VC55: Tugby, P. Kirby, 1977, DaNES
- ** Last VC55: Leicester, 2017, A. Smith, NatureSpot
- 1979 (Spring Wood, D. Budworth, NBN)
- 1982 (Spring Wood, D. Lewis, NBN)
- 1982; 1984 (Spring Wood, D.A. Lott, Leics Museum)
- 1985 (nr Blackbrook Reservoir, D. Budworth, DaNES)
- 1990 (South Wood, D. Budworth, DaNES)
- 1990 (Staunton Harold, D. Budworth, DaNES)
- 1990 (Spring Wood, 3 occurrences, D. Budworth, DaNES)
- 1991 (Outwoods, D. Budworth, DaNES)
- 2001 (Leicester, J. Owen, Ecol.of a garden)
- 2009 (Leicester, D. Gould, NatureSpot)
- 2013 (Countesthorpe, M. Skevington)

***Dicyphus (Brachyceroea) annulatus* (Wolff, 1804)**

Number of records = 4, Number of tetrads = 2

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): rare; east of VC55

Habitat: sandy/calcareous habitats

Associated plant(s): Restharrow (*Ononis*)

Records:

- * First VC55: Leicestershire, Pre-1923, [-], Butler
- * First VC55 after 1960: Holwell, 2023, S. Timms, NatureSpot
- ** Last VC55: Ketton Quarry, 2023 (2 occurrences), S. Timms

***Dicyphus (Dicyphus) escalerae* Lindberg, 1934**

Number of records = 7, Number of tetrads = 4

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: ? Not on national checklist

VC55 status (provisional): rare?

Habitat: gardens, ruderal, brownfield sites

Associated plant(s): Snapdragon (*Antirrhinum*)

Records:

- * First VC55: Leicester, 2008, D. Gould, NatureSpot
- ** Last VC55: Loughborough, 2022, M. Stevens, NatureSpot
- 2008 (Leicester, 2009 D. Gould, 2 occurrences/year, NatureSpot)
- 2011 (Sapcote, G. Calow, NatureSpot)
- 2014 (Wardley, S.A. Lane, G.L.Finch)

***Dicyphus (Brachyceroea) globulifer* (Fallén, 1829)**

Number of records = 24, Number of tetrads = 16

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): occasional

Habitat: woodlands and woodland margins, hedgerows and meadows

Associated plant(s): Red and White Campion (*Silene dioica/latifolia*)

Records:

- * First VC55: Leicester, Pre-1892, T.A. Marshall, Saunders
- * First VC55 after 1960: Piper Wood, 1964, H.A.B. Clements, Leics Museum
- ** Last VC55: Bagworth, 2021, S. Timms, LRERC

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Tupiocoris rhododendri* (Dolling, 1972)**

Number of records = 2, Number of tetrads = 2

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)
 National status: USA (?), 1970s. Naturalised, well-established S. and C. England
 VC55 status (provisional): one recent record; rare?
 Habitat: any suitable habitat with Rhododendron
 Associated plant(s): *Rhododendron*

Records:

- * First VC55: Leicester, 1988, J. Owen, Ecol.of a garden
- ** Last VC55: Charwood Lodge, 2017, A. Smith, NatureSpot

***Campyloneura virgula* (Herrich-Schäffer, 1835)**

Number of records = 239, Number of tetrads = 76

ID difficulty: **GREEN** (relatively easy; unlikely to be confused with other species)
 National status: common
 VC55 status (provisional): common
 Habitat: broadleaved/mixed woodland and hedgerows
 Associated plant(s): trees - especially hazel (*Corylus*), Hawthorn (*Crataegus*) and Oak (*Quercus*)

Records:

- * First VC55: Narborough, Pre-1907, [-], VCH
- * First VC55 after 1960: Shepshed, 1964, H.A.B. Clements, Leics Museum
- ** Last VC55: Loughborough, 2023, M. Higgott, NatureSpot

***Macrolophus rubi* Woodroffe, 1957**

Number of records = 5, Number of tetrads = 4

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)
 National status: widely scattered
 VC55 status (provisional): occasional?
 Habitat: hedgerows and woodland margins
 Associated plant(s): Bramble (*Rubus fruticosus*)

Records:

- * First VC55: Oakley Wood, 1966, H.A.B Clements, Leics Museum
- ** Last VC55: Melton, 2023, D. Pugh, NatureSpot
 2019 (Bagworth, 2 occurrences, S. Timms, NatureSpot)
 2020 (Cropston, K. Nightingale)

***Macrolophus pygmaeus* (Rambur, 1839)**

Number of records = 3, Number of tetrads = 2

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)
 National status: widely scattered
 VC55 status (provisional): no recent records; rare?
 Habitat: hedgerows and woodland margins
 Associated plant(s): Hedge Woundwort (*Stachys sylvatica*)

Records:

- * First VC55: Leicester, Pre-1892, T.A. Marshall, Saunders
- * First VC55 after 1960: South Kilworth, 1983, B.S. Nau, LRERC
- ** Last VC55: Burton on the Wolds, 1984, D.A. Lott, Leics Museum

Miridae (Deraeocorinae – Deraeocorini)

Medium to large, glossy rounded bugs, with puncturing on dorsal surfaces and a pronotal collar. All are predatory species.



Deraeocoris ruber (ST)

Deraeocoris (Knightocapsus) lutescens (Schilling, 1837)

Number of records = 120, Number of tetrads = 54

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: very common

VC55 status (provisional): common

Habitat: broadleaved/mixed woodland and woodland margins, hedgerows

Associated plant(s): trees, especially Oak (*Quercus*), Hazel (*Corylus*); also Nettle (*Urtica dioica*) and other low herbage

Records:

* First VC55: Bradgate Park, 1961, D.J. Foxwell, C&E 1973

** Last VC55: Whetstone, 2023, A. Cann, NatureSpot

Deraeocoris (Deraeocoris) ruber (Linnaeus, 1758)

Number of records = 313, Number of tetrads = 133

ID difficulty: **GREEN** (relatively easy; unlikely to be confused with other species)

National status: common

VC55 status (provisional): very common

Habitat: any suitable habitat with nettles

Associated plant(s): Nettle (*Urtica dioica*)

Records:

* First VC55: Leicester, Pre-1907, [-], VCH

* First VC55 after 1960: Quorn, 1962, H.A.B. Clements, C&E 1973

** Last VC55: Staunton Harold, 2023, S. Timms

Deraeocoris (Deraeocoris) flavilinea (A. Costa, 1862)

Number of records = 198, Number of tetrads = 82

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: 1996. Vagrant/Accidental

VC55 status (provisional): common

Habitat: broadleaved/mixed woodland, hedgerows

Associated plant(s): Sycamore and Field Maple (*Acer*)

Records

* First VC55: Martinshaw Wood, 2009, D.Nicholls, NatureSpot

** Last VC55: Willesley Wood, 2023, H.Graves, NatureSpot

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Alloeotomus gothicus* (Fallén, 1807)**

Number of records = 4, Number of tetrads = 4

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: widely scattered

VC55 status (provisional): rare?

Habitat: coniferous/mixed woodland and parkland

Associated plant(s): Scots Pine (*Pinus sylvestris*)

Records:

* First VC55: Swithland Reservoir, 1986, D.A. Lott, Leics Museum

** Last VC55: Ratby, 2022, D. Nicholls, NatureSpot

1989 (Bradgate Park, D.A. Lott, Leics Museum)

2021 (Knighton, A. Cann, NatureSpot)

Miridae (Mirinae – Mirini)

A large tribe of diverse species, all with a prominent pronotal collar. It includes the sap-feeding green capsid bugs, predatory *Phytocoris* with long hind legs, and many other familiar species found on trees and shrubs and in grasslands. Some are considered agricultural/horticultural pests.

Grypocoris stysi (AC) left
Apolygus spinolae (ST) right

***Miris striatus* (Linnaeus, 1758)**

Number of records = 87, Number of tetrads = 54

ID difficulty: **GREEN** (relatively easy; unlikely to be confused with other species)

National status: widely scattered

VC55 status (provisional): common

Habitat: broadleaved/mixed woodland & hedgerows

Associated plant(s): usually Oak (*Quercus*) and Hawthorn (*Crataegus monogyna*)

Records:

* First VC55: Belvoir, 1960, P. Skidmore, Terr.Het.cards

** Last VC55: Bagworth, 2023, S. Timms

Fine Straked Bugkin***Agnocoris reclairi* (Wagner, 1949)**

Number of records = 1, Number of tetrads = 1

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: nationally Scarce (Notable B). Formerly East Anglian fens, now expanding range

VC55 status (provisional): rare

Habitat: damp/wet habitats including riparian

Associated plant(s): White Willow (*Salix alba*)

Records:

* First VC55: Rutland Water, 2022, T. Sexton, NatureSpot

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Capsodes gothicus* (Linnaeus, 1758)**

Number of records = 2, Number of tetrads = 2

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: local

VC55 status (provisional): rare

Habitat: well-vegetated areas in damp/marshy habitats, but occasionally drier areas

Associated plant(s): Greater Bird's-foot-trefoil (*Lotus pedunculatus*)

Records:

* First VC55: Narborough Bog, 1975, D.L. Lewis, LRERC

** Last VC55: Birstall, 2008, G. Panter, LNC

***Capsodes flavomarginatus* (Donovan, 1798)**

Number of records = 2, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: Nationally Scarce (Notable A)

VC55 status (provisional): rare. Host plant is rare in VC55

Habitat: open, grassy patches in damp woodland

Associated plant(s): Common Cow-wheat (*Melampyrum pratense*). Occasionally associated with Broom (*Cytisus scoparius*), and other woody/evergreen shrubs, flowering plants and grasses.

Records:

* First VC55: Ulverscroft, 2008, S.F. Woodward

** Last VC55: Ulverscroft, 2009, S.F. Woodward

***Pantilius (Pantilius) tunicatus* (Fabricius, 1781)**

Number of records = 66, Number of tetrads = 39

ID difficulty: **GREEN** (relatively easy; unlikely to be confused with other species)

National status: widely scattered

VC55 status (provisional): common

Habitat: broadleaved woodland, hedgerows and riparian habitats

Associated plant(s): Hazel (*Corylus avellana*), Alder (*Alnus glutinosa*), Birch (*Betula*)

Records:

* First VC55: Thurstaston Brook, Pre-1907, J. Stanyon, VCH

* First VC55 after 1960: Leicester, 1983, D.H. Hall-Smith, Leics Museum

** Last VC55: Leicester, 2023, C. Bourner, NatureSpot

***Megacoelum infusum* (Herrich-Schäffer, 1837)**

Number of records = 20, Number of tetrads = 12

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: widely scattered

VC55 status (provisional): occasional

Habitat: broadleaved/mixed woodland, hedgerows and other Oak habitats

Associated plant(s): Oak (*Quercus*)

Records:

* First VC55: Leicestershire, Pre-1945, [-], Bedwell & Massee

* First VC55 after 1960: Buddon Wood, 1983, D.A. Lott, Leics Museum

** Last VC55: Thornton, 2023, S. Timms

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Charagochilus (Charagochilus) gyllenhalii (Fallén, 1807)***

Number of records = 4, Number of tetrads = 3

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): rare? May be under-recorded

Habitat: dry, sandy habitats; moss, leaf litter and conifers for overwintering

Associated plant(s): bedstraws (*Galium*), especially Lady's Bedstraw (*Galium verum*)

Records:

* First VC55: Edith Weston, 1999, P. Kirby, LRERC

** Last VC55: Hicks Lodge, 2023, S. Timms, NatureSpot
1999 (Ketton, P. Kirby, LRERC)

2020 (Lyddington Meadow, A. Cann, NatureSpot)

Dichrooscytus rufipennis (Fallén, 1807)

Number of records = 3, Number of tetrads = 3

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): rare

Habitat: coniferous/mixed woodland and parkland; scrubby heaths with juniper

Associated plant(s): Scots Pine (*Pinus sylvestris*), and other conifers including cypress (*Cupressus*) and Juniper (*Juniperus*)

Records:

* First VC55: Thornton Reservoir, Pre-1907, [-], VCH

* First VC55 after 1960: Leicester, 1984, D.H. Hall-Smith, Leics Museum

** Last VC55: Bagworth, 2019, S. Timms, NatureSpot

Polymerus (Polymerus) nigrita (Fallén, 1807)

Number of records = 27, Number of tetrads = 21

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: widely scattered

VC55 status (provisional): occasional

Habitat: grasslands and verges

Associated plant(s): bedstraws, especially Lady's Bedstraw (*Galium verum*) and Goosegrass (*Galium aparine*)

Records:

* First VC55: Welby, 1978, [-], NELCS/LRERC

** Last VC55: Thurcaston, 2023, K. Nightingale

Polymerus (Poeciloscytus) unifasciatus (Fabricius, 1794)

Number of records = 2, Number of tetrads = 2

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: local

VC55 status (provisional): rare?

Habitat: grasslands and verges

Associated plant(s): bedstraws, especially Lady's Bedstraw (*Galium verum*)

Records:

* First VC55: Broughton Astley, 2018, G. Calow, NatureSpot

** Last VC55: Rutland Water, 2022, T. Sexton, NatureSpot

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Capsus ater* (Linnaeus, 1758)**

Number of records = 136, Number of tetrads = 76

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: widely scattered

VC55 status (provisional): common

Habitat: grasslands

Associated plant(s): grasses (Poaceae) including Perennial Rye-grass (*Lolium perenne*) and couch grasses (*Elymus*)

Records:

* First VC55: Bradgate, Pre-1907, [-], VCH

* First VC55 after 1960: Buddon Wood, 1963, H.A.B. Clements, Leics Museum

** Last VC55: Launde Park Wood, 2023, A. Cann, NatureSpot

***Capsus wagneri* (Remane, 1950)**

Number of records = 2, Number of tetrads = 2

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: nationally Scarce (Notable B)

VC55 status (provisional): no recent records; rare

Habitat: fens and damp/wet, shady habitats

Associated plant(s): reeds (*Phragmites*) and reedmace (*Typha*)

Records:

* First VC55: Loughborough Big Meadow, 1982, D.A. Lott, Leics Museum

** Last VC55: R Soar, 1982, D.A. Lott, Leics Museum

***Miridius quadrivirgatus* (A. Costa, 1853)**

Number of records = 34, Number of tetrads = 13

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: local

VC55 status (provisional): occasional

Habitat: dry grasslands

Associated plant(s): grasses (Poaceae)

Records:

* First VC55: Whetstone, 2010, M. Skevington, National database

** Last VC55: Cropston, 2023, K. Nightingale

***Phytocoris (Phytocoris) tiliae* (Fabricius, 1777)**

Number of records = 60, Number of tetrads = 40

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): frequent

Habitat: broadleaved/mixed woodland, hedgerows and orchards

Associated plant(s): Oak (*Quercus*), Ash (*Fraxinus excelsior*), Lime (*Tilia*), Apple (*Malus*)

Records:

* First VC55: Bardon Hill, Pre-1907, [-], VCH

* First VC55 after 1960: Charnwood Lodge, 1966, H.A.B. Clements, Leics Museum

** Last VC55: Loughborough, 2023, H. Graves, NatureSpot

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Phytocoris (Phytocoris) populi* (Linnaeus, 1758)**

Number of records = 5, Number of tetrads = 3

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: widely scattered

VC55 status (provisional): no recent records, rare?

Habitat: broadleaved/mixed woodland, hedgerows and riparian habitats

Associated plant(s): deciduous trees including Poplar (*Populus*); also Oak (*Quercus*), Alder (*Alnus*) and Ash (*Fraxinus excelsior*)

Records:

- * First VC55: Buddon, Pre-1907, [-], VCH
 - * First VC55: Swithland, Pre-1907, [-], VCH
 - * First VC55 after 1960: Barrow upon Soar, 1983, D.A. Lott, Leics Museum
 - ** Last VC55: Wymeswold, 1983, D.A. Lott, LRERC
- 1945 (Leicestershire, [-], Bedwell & Masee)

***Phytocoris (Phytocoris) longipennis* Flor, 1861**

Number of records = 26, Number of tetrads = 19

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): occasional

Habitat: broadleaved/mixed woodland and hedgerows

Associated plant(s): Hazel (*Corylus avellana*), Oak (*Quercus*) and Hawthorn (*Crataegus*)

Records:

- * First VC55: Bardon Hill, Pre-1907, [-], VCH
- * First VC55 after 1960: The Drift, 1983, B.S. Nau, LRERC
- ** Last VC55: Loughborough, 2023, S. Timms

***Phytocoris (Phytocoris) dimidiatus* Kirschbaum, 1856**

Number of records = 2, Number of tetrads = 2

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): uncommon?

Habitat: broadleaved/mixed woodland, hedgerows, orchards and gardens

Associated plant(s): especially oak (*Quercus*), also Apple (*Malus*) and Plum (*Prunus*)

Records:

- * First VC55: Beacon Hill, 1979, P. Kirby, Terr.Het.cards
- ** Last VC55: Leicester, 1993, J. Owen, Ecol.of a garden

***Phytocoris (Phytocoris) reuteri* Saunders, 1876**

Number of records = 3, Number of tetrads = 3

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): rare? ID difficulty may obscure status

Habitat: broadleaved/mixed woodland, hedgerows, orchards and gardens

Associated plant(s): especially Oak (*Quercus*), also Alder (*Alnus*), Elm (*Ulmus*), Hawthorn (*Crataegus*) and Apple (*Malus*)

Records:

- * First VC55: Groby, 1895, J. Stanyon, VCH
- * First VC55 after 1960: Smeeton Westerby, 1984, D.A. Lott, Leics Museum
- ** Last VC55: Quarry Farm, near Stamford, 2021, S.A. Lane, LRERC

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Phytocoris (Ktenocoris) ulmi* (Linnaeus, 1758)**

Number of records = 58, Number of tetrads = 42

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): frequent

Habitat: hedgerows and woodland margins

Associated plant(s): especially Hawthorn (*Crataegus*)

Records:

- * First VC55: Evington Brook, Pre-1907, [-], VCH
- * First VC55 after 1960: Thurnby, 1963, I.M. Evans, C&E 1973
- ** Last VC55: Thurcaston, 2023, K. Nightingale

***Phytocoris (Ktenocoris) varipes* Boheman, 1852**

Number of records = 90, Number of tetrads = 45

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): frequent

Habitat: rough grassland

Associated plant(s): flowers and fruits of various plants

Records:

- * First VC55: Leicestershire, Pre-1907, [-], VCH
- * First VC55 after 1960: Beacon Hill, 1979, P. Kirby, Terr.Het.cards
- ** Last VC55: Ketton Quarry, 2023, K. Nightingale

Stenotus binotatus* (Fabricius, 1794)*Timothy Grassbug**

Number of records = 135, Number of tetrads = 72

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: very common

VC55 status (provisional): common

Habitat: dry grasslands

Associated plant(s): grasses (Poaceae)

Records:

- * First VC55: Leicestershire, Pre-1907, [-], VCH
- * First VC55 after 1960: Swithland Woods, 1960, I.M. Evans, Leics Museum
- ** Last VC55: Broughton Astley, 2023, A. Poole, NatureSpot

***Liocoris tripustulatus* (Fabricius, 1781)**

Number of records = 642, Number of tetrads = 170

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: very common

VC55 status (provisional): very common

Habitat: any suitable habitat with the host plant

Associated plant(s): Nettle (*Urtica dioica*)

Records:

- * First VC55: Loughborough, 1899, W.E. Ryles, NBN
- * First VC55 after 1960: Quorn, 1962, H.A.B. Clements, C&E 1973
- ** Last VC55: Great Glen, 2023, A. Cann, NatureSpot

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Calocoris (Calocoris) roseomaculatus (DeGeer, 1773)***

Number of records = 9, Number of tetrads = 8

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)
 National status: widely scattered
 VC55 status (provisional): occasional
 Habitat: dry grassland and other dry habitats
 Associated plant(s): pea family (Fabaceae)

Records:

- * First VC55: Cropston Reservoir, Pre-1907, J. Stanyon, VCH
- * First VC55 after 1960: Ketton Quarry, 1985, D.A. Lott, Terr.Het.cards
- ** Last VC55: Holwell, 2023, A. Cann, NatureSpot
- 1986 (The Drift, 2 locations, D.A. Lott, DaNES)
- 1987 (Thistleton Gullet, P. Kirby, National database)
- 2014 (Asfordby Hill, ironworks, H. Ikin, S.F. Woodward)
- 2016 (Holwell, L. Dartnell, NatureSpot)
- 2021 (Quarry Farm, near Stamford, S.A. Lane, LRERC)

Calocoris (Calocoris) alpestris (Meyer-Dür, 1843)

Number of records = 67, Number of tetrads = 28

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)
 National status: widely scattered
 VC55 status (provisional): common
 Habitat: any habitat with nettles
 Associated plant(s): nettles (*Urtica*)

Records:

- * First VC55: Loddington, 1982, D.A. Lott, Leics Museum
- ** Last VC55: Rough Hill, 2023, S. Timms

Closterotomus norwegicus (Gmelin, 1790)

Number of records = 291, Number of tetrads = 137

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)
 National status: very common
 VC55 status (provisional): very common
 Habitat: meadows and hedgerows
 Associated plant(s): wide range, including Nettle (*Urtica dioica*), composites (Asteraceae) and clovers (*Trifolium*)

Records:

- * First VC55: Leicestershire, Pre-1907, [-], VCH
- * First VC55 after 1960: Shepshed, 1963, H.A.B. Clements, Leics Museum
- ** Last VC55: Ketton Quarry, 2023, K. Nightingale

Potato Capsid***Closterotomus trivialis (A. Costa, 1853)***

Number of records = 18, Number of tetrads = 5

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)
 National status: Mediterranean, 2009. Widely recorded, multiple introductions on horticultural produce?
 VC55 status (provisional): occasional
 Habitat: many records from gardens, but may be found in natural habitats; highly polyphagous

Records:

- * First VC55: Sapcote, 2018, G. Calow, NatureSpot
- ** Last VC55: Sapcote, 2023, G. Calow, NatureSpot
- 2018; 2020 - 2023 (Sapcote, G. Calow, NatureSpot)
- 2020 - 2023 (Long Clawson, B. Cooper, NatureSpot)
- 2020 (Ketton Quarry, M. Skevington, NatureSpot)
- 2022 (Ketton Quarry, M. Berriman, iRecord)
- 2022; 2023 (Melton, D. Pugh, NatureSpot)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Closterotomus fulvomaculatus* (DeGeer, 1773)**

Number of records = 17, Number of tetrads = 9

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: widely scattered

VC55 status (provisional): occasional

Habitat: hedgerows, woodland margins and meadows with low-growing vegetation

Associated plant(s): especially Hop (*Humulus lupulus*); also Nettle (*Urtica dioica*), Meadowsweet (*Filipendula ulmaria*)

Records:

- * First VC55: Kegworth, 1932, A. Roebuck, C&E 1973
- * First VC55 after 1960: Six Hills, 2010, D. Nicholls, NatureSpot
- ** Last VC55: Sheet Hedges Wood, 2022, I. Harding, NatureSpot
- 2011 (New Lount, D. Nicholls, NatureSpot)
- 2017 - 2020 (Bagworth, S. Timms, NatureSpot/LRERC)
- 2019 (Holwell, S. Mathers, NatureSpot)
- 2019 (Swannington, A. Jukes, LRERC)
- 2020 (Cloud Wood, B. Lygo, iRecord)
- 2021 (Prior's Coppice, A. Cann, NatureSpot)

***Grypocoris (Lophyromiris) stysi* (Wagner, 1968)**

Number of records = 247, Number of tetrads = 105

ID difficulty: **GREEN** (relatively easy; unlikely to be confused with other species)

National status: common

VC55 status (provisional): very common

Habitat: broadleaved/mixed woodland and woodland margins, hedgerows

Associated plant(s): various plants, especially Nettle (*Urtica dioica*); also umbellifers (Apiaceae) and White Bryony (*Bryonia dioica*)

Records:

- * First VC55: Thornton Reservoir, 1865, Dr. Power, C&E 1973
- * First VC55 after 1960: Shepshed, 1963, H.A.B. Clements, Leics Museum
- ** Last VC55: Stoke Dry Wood, 2023, A. Cann, NatureSpot

***Rhodomiris striatellus* (Fabricius, 1794)**

Number of records = 55, Number of tetrads = 39

ID difficulty: **GREEN** (relatively easy; unlikely to be confused with other species)

National status: common

VC55 status (provisional): common

Habitat: broadleaved/mixed woodland, hedgerows and other Oak habitats

Associated plant(s): Oak (*Quercus*)

Records:

- * First VC55: Anstey Lane, Pre-1907, J. Stanyon, VCH
- * First VC55 after 1960: Piper Wood, 1964, H.A.B. Clements, Leics Museum
- ** Last VC55: Cotesbach, 2023, A. Cann, NatureSpot

***Adelphocoris lineolatus* (Goeze, 1778)**

Number of records = 58, Number of tetrads = 30

Lucerne Bug

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): common

Habitat: grasslands

Associated plant(s): pea family (Fabaceae) including restharrow (*Ononis*), clovers (*Trifolium*) and vetches (*Vicia*)

Records:

- * First VC55: Scraftoft Common, Pre-1907, J. Stanyon, VCH
- * First VC55 after 1960: Ketton Quarry, 1983, R.J. Barnett *et al*, Leics Museum
- ** Last VC55: Ketton Quarry, 2023, S. Timms

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Lygocoris (Lygocoris) pabulinus (Linnaeus, 1761)*****Common Green Capsid**

Number of records = 160, Number of tetrads = 80

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: very common

VC55 status (provisional): very common

Habitat: any suitable habitat with the host plants

Associated plant(s): Nettle (*Urtica dioica*), plus other herbaceous and woody plants

Records:

- * First VC55: Leicestershire, Pre-1907, [-], VCH
- * First VC55 after 1960: Leicester, 1962, H.A.B. Clements, C&E 1973
- ** Last VC55: Ketton Quarry, 2023, S. Timms

Lygocoris (Lygocoris) rugicollis (Fallén, 1807)**Apple Capsid**

Number of records = 13, Number of tetrads = 9

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): occasional

Habitat: damp broadleaved/mixed woodland and riparian habitats

Associated plant(s): willows (*Salix*)

Records:

- * First VC55: Rutland, Pre-1945, [-], Bedwell & Massee
(A Roebuck's 1926 record for Soar Valley, C&E 73, may not be in VC55)
- * First VC55 after 1960: Knipton Reservoir, 1979, D.G. Goddard, Leics Museum
- ** Last VC55: Broughton Astley, 2018, C. Mabbett, NatureSpot
1982; 1983 (Barrow upon Soar, D.A. Lott, Leics Museum)
1983 (Swithland Reservoir, D.A. Lott, Leics Museum)
1983 (Thorpe Satchville, D.G. Goddard, LRERC)
1984 (Barrow gravel pits, D.A. Lott, Leics Museum)
1984 (Stanford Reservoir, D.A. Lott, Terr.Het.cards)
1986 (Leicester, J. Owen, Ecol.of a garden)
2012 (New Lount, D. Nicholls, NatureSpot)
2017 (Watermead, S. Mathers, NatureSpot)

Apolygus spinolae (Meyer-Dür, 1841)

Number of records = 62, Number of tetrads = 33

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): common

Habitat: hedgerows and woodland edges, meadows and arable land

Associated plant(s): especially Bramble (*Rubus fruticosus*); also Thistle (*Cirsium/Carduus*), Nettle (*Urtica dioica*), Meadowsweet (*Filipendula ulmaria*)

Records:

- * First VC55: Gopsall, 1951, G.B. Ryle, LRERC
- * First VC55 after 1960: Loughborough Big Meadow, 1982, D.A. Lott, Leics Museum
- ** Last VC55: Rawdon East, 2023, S. Timms, NatureSpot

Apolygus lucorum (Meyer-Dür, 1843)

Number of records = 21, Number of tetrads = 18

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): occasional

Habitat: any suitable habitat including verges and waste land

Associated plant(s): especially Mugwort (*Artemisia vulgaris*); also Tansy (*Tanacetum*), Nettle (*Urtica dioica*) and other tall herbs

Records:

- * First VC55: Gopsall, 1951, G.B. Ryle, LRERC
- * First VC55 after 1960: Knipton Reservoir, 1979, D.G. Goddard, Leics Museum
- ** Last VC55: Launde Park Wood, 2023, A. Cann, NatureSpot

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Neolygus contaminatus* (Fallén, 1807)**

Number of records = 23, Number of tetrads = 21

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: very common

VC55 status (provisional): occasional; may be under-recorded

Habitat: broadleaved/mixed woodland and other habitats with birch

Associated plant(s): Birch (*Betula*)

Records:

* First VC55: Bradgate, Pre-1907, J. Stanyon, VCH

* First VC55: Owston, Pre-1907, F. Bouskell, VCH

* First VC55 after 1960: Buddon Wood, 1982, D.A. Lott, Leics Museum

** Last VC55: Thornton Reservoir, 2023, S. Timms, NatureSpot

***Neolygus viridis* (Fallén, 1807)**

Number of records = 45, Number of tetrads = 29

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): occasional; may be under-recorded

Habitat: broadleaved/mixed woodlands and hedgerows

Associated plant(s): especially Lime (*Tilia*)

Records:

* First VC55: Long Whatton, 1962, I.M. Evans, C&E 1973

** Last VC55: Leicester, 2023, K. Edkins, NatureSpot

***Neolygus populi* (Leston, 1957)**

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): rare?

Habitat: damp broadleaved woodlands, hedgerows and riparian habitats

Associated plant(s): Grey Poplar (*Populus x canescens*)

Records:

* First VC55: Lyddington, 2015, S.A. Lane, National database

***Tropidostepes pacificus* (Van Duzee, 1921)**

Number of records = 1, Number of tetrads = 1

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: native to the USA; recent arrival in Britain (2012, London area). Likely horticultural introduction, but could be naturally spread from Belgium & Netherlands, where first detected in Europe

VC55 status (provisional): one recent record, rare

Habitat: broadleaved/mixed woodland, hedgerows; other habitats with ash

Associated plant(s): Ash (*Fraxinus excelsior*)

Records:

* First VC55: Groby, 2023, S. Timms, NatureSpot

***Lygus rugulipennis* Poppius, 1911**

Number of records = 127, Number of tetrads = 81

European Tarnished Plant Bug

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: very common, widespread

VC55 status (provisional): common? May be under-recorded/mis-recorded due to ID difficulty

Habitat: meadows, hedgerows, woodland margins, arable land, plant nurseries and orchards

Associated plant(s): various plants, including Fat Hen (*Chenopodium album*), Nettle (*Urtica dioica*), Dock (*Rumex*), Clover (*Trifolium*) and many composite (Asteraceae). Can also be a pest of agricultural and horticultural crops.

Records:

* First VC55: Ulverscroft, 1960, I.M. Evans, Leics Museum

** Last VC55: Whetstone, 2023, A. Cann, NatureSpot

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Lygus maritimus* Wagner, 1949**

Number of records = 5, Number of tetrads = 4

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: local, mainly coastal

VC55 status (provisional): rare?

Habitat: hedgerows, verges, arable fields, meadows and heaths, but mainly a coastal species

Associated plant(s): various herbaceous plants, especially Mayweeds (*Matricaria/Tripleurospermum*, etc.); also Fat Hen (*Chenopodium album*), Sorrel (*Rumex acetosa*) and Clovers (*Trifolium*); Gorse (*Ulex*)

Records:

* First VC55: Mountsorrel, 1983, D.A. Lott, Leics Museum

** Last VC55: Billa Barra, 2022, A. Cann, NatureSpot
1998; 2000 (Leicester, J. Owen, Ecol.of a garden)

2010 (Grace Dieu, H. Ikin, S.F. Woodward)

***Lygus pratensis* (Linnaeus, 1758)**

Number of records = 52, Number of tetrads = 32

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: RDB3 (Rare); formerly southern, but expanding range and now widespread through England

VC55 status (provisional): common? May be under-recorded due to ID difficulty

Habitat: heathland, brownfield, rough grassland; overwintering in conifers

Associated plant(s): various plants including Heather (*Calluna vulgaris*)

Records:

* First VC55: Sapcote, 2009, G. Calow, LRERC

** Last VC55: Whetstone, 2023, A. Cann, NatureSpot

***Lygus wagneri* Remane, 1955**

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered; primarily upland or N and W Britain, but expanding eastwards

VC55 status (provisional): rare

Habitat: ?

Associated plant(s): various herbaceous plants, especially Mayweeds (*Matricaria/Tripleurospermum*, etc.); also Fat Hen (*Chenopodium album*) Sorrel (*Rumex acetosa*) and Clovers (*Trifolium*); Gorse (*Ulex*)

Records:

* First VC55: Shawell, 2016, A. Godfrey, LRERC

***Orthops (Orthops) campestris* (Linnaeus, 1758)**

Number of records = 103, Number of tetrads = 60

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: very common

VC55 status (provisional): common

Habitat: various habitats including meadows, hedgerows and woodland edges

Associated plant(s): umbellifers (Apiaceae), especially Wild Parsnip (*Pastinaca sativa*)

Records:

* First VC55: Leicestershire, Pre-1907, [-], VCH

* First VC55 after 1960: Potters Marston Bog, 1967, D. Tozer, Leics Museum

** Last VC55: Ketton Quarry, 2023, S. Timms

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Orthops (Orthops) basalis* (A. Costa, 1853)**

Number of records = 12, Number of tetrads = 8

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): occasional

Habitat: various habitats including meadows, hedgerows and woodland edges

Associated plant(s): umbellifers (Apiaceae)

Records:

- * First VC55: Sapcote, 2010, G. Calow, LRERC
- ** Last VC55: Great Glen, 2023, A. Cann, NatureSpot
- 2011 (Bagworth, D. Nicholls, NatureSpot)
- 2011 (Syston, R. Wright, LRERC)
- 2012 - 2014 (Sapcote, G. Calow, NatureSpot)
- 2017 (Welby, S. Lewis, NatureSpot)
- 2021 (Cosby, C. Mabbett, NatureSpot)
- 2022 (Battram Wood, I. Harding, NatureSpot)
- 2023 (Coleorton, A. Cann, NatureSpot)

***Orthops (Orthops) kalmii* (Linnaeus, 1758)**

Number of records = 12, Number of tetrads = 12

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): occasional

Habitat: various habitats including meadows, hedgerows and woodland edges

Associated plant(s): umbellifers (Apiaceae)

Records:

- * First VC55: Thistleton Gullet, 1987, P. Kirby, National database
- ** Last VC55: Stoke Dry Wood, 2023, A. Cann, NatureSpot

***Pinalitus rubricatus* (Fallén, 1807)**

Number of records = 6, Number of tetrads = 4

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: widely scattered

VC55 status (provisional): no recent records; rare?

Habitat: coniferous/mixed woodland; any habitat with conifers

Associated plant(s): conifers

Records:

- * First VC55: Leicester, Pre-1892, T. A. Marshall, Saunders
- * First VC55 after 1960: Swithland Reservoir, 1983, D.A. Lott, Terr.Het.cards
- ** Last VC55: Swithland Reservoir, 1983, D.A. Lott, Leics Museum/Terr.Het.cards
- Pre-1907 (Charley Woods, J. Stanyon, VCH)

***Pinalitus cervinus* (Herrich-Schäffer, 1841)**

Number of records = 162, Number of tetrads = 49

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: very common

VC55 status (provisional): common

Habitat: any suitable habitat with the host plant, including woodlands, hedgerows, parks and gardens

Associated plant(s): Lime (*Tilia*), Hazel (*Corylus avellana*), Ash (*Fraxinus excelsior*), Ivy (*Hedera helix*)

Records:

- * First VC55: Leicester, Pre-1907, [-], VCH
- * First VC55 after 1960: Shepshed, 1963, H.A.B. Clements, Leics Museum
- ** Last VC55: Cropston, 2023, K. Nightingale

Miridae (Mirinae – Stenodemini)

Most are grassland or marshland bugs, of elongated form and green/brown/pale colour, often longitudinally striped and resembling grass flowers or seeds. Colouration within a species is variable, and males and females are often different. Some adult insects begin as green in colour, and become paler as the season advances. They are mostly plant feeders. Unlike the other Mirinae, they do not have a pronotal collar.



Acetropis gimmerthalii (AC)

Pithanus maerkelii (Herrich-Schäffer, 1838)

Number of records = 18, Number of tetrads = 17

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: widely scattered

VC55 status (provisional): occasional

Habitat: damp grasslands

Associated plant(s): rushes (*Juncus*) and grasses (Poaceae)

Records:

* First VC55: Shepshed, 1963, H.A.B. Clements, Leics Museum

** Last VC55: Launde Park Wood, 2023, A. Cann, NatureSpot

Stenodema (Stenodema) laevigata (Linnaeus, 1758)

Number of records = 300, Number of tetrads = 132

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: very common

VC55 status (provisional): very common

Habitat: damp grasslands, preferably

Associated plant(s): grasses (Poaceae)

Records:

* First VC55: Leicestershire, Pre-1907, [-], VCH

* First VC55 after 1960: Quorn, 1962, H.A.B. Clements, Leics Museum

** Last VC55: Ratby, 2023, D. Nicholls, NatureSpot

Stenodema (Brachystira) calcarata (Fallén, 1807)

Number of records = 189, Number of tetrads = 99

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): common

Habitat: dry grasslands, preferably

Associated plant(s): grasses (Poaceae)

Records:

* First VC55: Leicestershire, Pre-1907, [-], VCH

* First VC55 after 1960: Quorn, 1962, H.A.B. Clements, C&E 1973

** Last VC55: Newfield Colliery, 2023, K Nightingale

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Stenodema (Stenodema) holsata (Fabricius, 1787)***

Number of records = 17, Number of tetrads = 11

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): few recent records; rare?

Habitat: grasslands (uplands/moorland) and heathland

Associated plant(s): grasses (Poaceae) especially Purple Moor-grass (*Molinia caerulea*)

Records

* First VC55: Leicestershire, Pre-1907, [-], VCH

* First VC55 after 1960: Charnwood Lodge, 1963, H.A.B. Clements, Leics Museum

** Last VC55: Owston Woods, 2020, A. Cann, NatureSpot

Notostira elongata (Geoffroy, 1785)

Number of records = 131, Number of tetrads = 80

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: very common

VC55 status (provisional): very common

Habitat: grassland, dry and damp grasslands

Records:

* First VC55: Charnwood Forest, Pre-1907, J. Stanyon, VCH

* First VC55: Cropston Reservoir, Pre-1907, [-], VCH

* First VC55 after 1960: Welford Canal, 1960, I.M. Evans, Leics Museum

** Last VC55: Thurcaston, 2023, K. Nightingale

Megaloceroea relicticornis (Geoffroy, 1785)

Number of records = 79, Number of tetrads = 54

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: very common

VC55 status (provisional): common

Habitat: damp grasslands, uncut meadows and woodland margins

Records:

* First VC55: Leicestershire, Pre-1945, [-], Bedwell & Massee

* First VC55 after 1960: Quorn, 1962, H.A.B. Clements, C&E 1973

** Last VC55: Burbage Common, 2023, A. Cann, NatureSpot

Trigonotylus ruficornis (Geoffroy, 1785)

Number of records = 8, Number of tetrads = 7

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): few recent records, may be rare?

Habitat: dry grasslands including meadows, moors and saltmarshes

Associated plant(s): grasses (Poaceae)

Records:

* First VC55: Charnwood Lodge, 1962, H.A.B. Clements, Leics Museum

** Last VC55: Burbage Common, 2023, S. Timms, NatureSpot

1963 (Beacon Hill, H.A.B. Clements, Leics Museum)

1963 (High Sharpley, H.A.B. Clements, Leics Museum)

1963 (Oakley/Piper Woods, H.A.B. Clements, Leics Museum)

1979 (Knipton Reservoir, D.G. Goddard, Leics Museum)

2011 (Syston, R. Wright, LRERC)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Trigonotylus caelestialium* (Kirkaldy, 1902)**

Number of records = 12, Number of tetrads = 10

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): occasional?

Habitat: dry grasslands

Associated plant(s): grasses (Poaceae)

Records:

- * First VC55: Bradgate Park, 1982, D.A. Lott, Leics Museum
- ** Last VC55: Melton, 2023, D. Pugh, NatureSpot
- 1982 (Loughborough Big Meadow, D.A. Lott, Leics Museum)
- 1983 (Lount, D.G. Goddard, Leics Museum)
- 2011 (Broughton Astley, R. Stevens, NatureSpot)
- 2016 (Shawell, A. Godfrey, LRERC)
- 2018 (Leicester, A. Jukes, LRERC)
- 2020 (Whetstone, M. Skevington, NatureSpot)
- 2020; 2021 (Bagworth, S. Timms, NatureSpot)
- 2022 (Sapcote, G. Calow, NatureSpot)

***Acetropis (Acetropis) gimmerthalii* (Flor, 1860)**

Number of records = 5, Number of tetrads = 5

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): occasional

Habitat: grasslands

Associated plant(s): grasses including oat-grasses (Poaceae)

Records:

- * First VC55: Beacon Hill, 1975, P. Kirby, Terr.Het.cards
- ** Last VC55: Lea Meadows, 2023, A. Cann, NatureSpot
- 1989 (Quorn, P.H. Gamble, LNC)
- 2020 (Bagworth, S. Timms, NatureSpot)
- 2022 (New Lount, S. Timms, NatureSpot)

***Teratocoris saundersi* Douglas & Scott, 1869**

Number of records = 6, Number of tetrads = 6

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): few recent records, uncommon?

Habitat: marshland and riparian habitats

Associated plant(s): sedge family Cyperaceae, including sedges (*Carex*), Spike-rushes (*Eleocharis*) and especially Sea-Club-rush (*Bolboschoenus maritimus*)

Records:

- * First VC55: Shepshed, 1964, H.A.B. Clements, Leics Museum
- ** Last VC55: Saddington, 2022, A. Cann, NatureSpot
- 1979 (Knipton Reservoir, D.G. Goddard, Leics Museum)
- 1983 (Lockington Marshes, D.G. Goddard, Leics Museum)
- 2018 (Ashby de la Zouch, A. Godfrey, LRERC)

***Leptopterna dolabrata* (Linnaeus, 1758)**

Number of records = 307, Number of tetrads = 152

Meadow Plant Bug

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: very common

VC55 status (provisional): very common

Habitat: damp grasslands and meadows

Associated plant(s): grasses (Poaceae)

Records:

- * First VC55: Bradgate, Pre-1907, J. Stanyon, VCH
- * First VC55 after 1960: Welford Canal, 1960, I.M. Evans, Leics Museum
- ** Last VC55: Oakham, 2023, A. Cann, NatureSpot

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Leptopterna ferrugata* (Fallén, 1807)**

Number of records = 30, Number of tetrads = 21

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)
 National status: widely scattered
 VC55 status (provisional): common
 Habitat: dry grasslands, meadows and heaths
 Associated plant(s): grasses (Poaceae)

Records:

- * First VC55: Kegworth, 1932, A. Roebuck, C&E 1973
- * First VC55 after 1960: Shepshed, 1963, H.A.B. Clements, C&E 1973
- ** Last VC55: Nailstone Wiggs, 2023, S. Timms, NatureSpot

Miridae (Orthotylinae – Halticini)

A group of small bugs with hindlegs modified for jumping.

Macropterous (long-winged) and brachypterous (short-winged) forms occur.



***Orthocephalus coriaceus* (Mark Skevington)**

***Orthocephalus saltator* (Hahn, 1835)**

Number of records = 2, Number of tetrads = 2

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)
 National status: local
 VC55 status (provisional): rare
 Habitat: grassland - rough grassland, marshes and coastal areas
 Associated plant(s): composites

Records:

- * First VC55: Syston, 2011, R. Wright, LRERC
- ** Last VC55: Quarry Farm, near Stamford, 2021, S.A. Lane, LRERC

***Orthocephalus coriaceus* (Fabricius, 1777)**

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)
 National status: local
 VC55 status (provisional): rare
 Habitat: grassland, meadows, verges and wasteland
 Associated plant(s): bedstraws (*Galium*), Tansy (*Tanacetum vulgare*), Yarrow (*Achillea millefolium*) and Greater Knapweeds (*Centaurea scabiosa*)

Records:

- * First VC55: Ketton Quarry, 2020, M. Skevington, NatureSpot

Miridae (Orthotylinae – Orthotylini)

A large group of small and medium sized bugs, including the green Orthotylus which are difficult to identify, often involving dissection of the male paramere (clasper). They do not have a pronotal collar (with few exceptions). In some genera, sexual dimorphism is shown (e.g. Mecomma, Globiceps)

Orthotylus flavinervis (ST) left
Cyllecoris histrionius (ST) right



Dryophilocoris (Dryophilocoris) flavoquadrimaculatus (DeGeer, 1773)

Number of records = 84, Number of tetrads = 55

ID difficulty: **GREEN** (relatively easy; unlikely to be confused with other species)

National status: widely scattered

VC55 status (provisional): common

Habitat: broadleaved/mixed woodland, hedgerows

Associated plant(s): Oak (*Quercus*)

Records:

* First VC55: Leicestershire, Pre-1955, [-], Masee

* First VC55 after 1960: Buddon Wood, 1963, H.A.B. Clements, Leics Museum

** Last VC55: Cotesbach, 2023, A. Cann, NatureSpot

Globiceps (Kelidocoris) flavomaculatus (Fabricius, 1794)

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: nationally Scarce (Notable B)

VC55 status (provisional): single old record, probably no longer present

Habitat: damp, well-vegetated habitats - water meadows and woodland margins, Under bark of broadleaved trees/shrubs for overwintering

Associated plant(s): vetch species (*Vicia*), lush herbage and shrubs; deciduous trees and shrubs

Records:

* First VC55: Bardon Hill, Pre-1907, [-], VCH

Globiceps (Kelidocoris) fulvicollis subsp. cruciatus Jakovlev, 1877

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: Nationally Scarce (Notable B)

VC55 status (provisional): rare

Habitat: heathland

Associated plant(s): Creeping Willow (*Salix repens*)

Records:

* First VC55: Charwood Lodge, 2021, K. Nightingale

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Cyrtorhinus caricis* (Fallén, 1807)**

Number of records = 9, Number of tetrads = 7

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: widely scattered

VC55 status (provisional): no recent records, rare

Habitat: damp habitats, marshes and riparian

Associated plant(s): sedges (*Carex*) and rushes (*Juncus*)

Records:

- * First VC55: Cropston Reservoir, Pre-1907, J. Stanyon, VCH
- * First VC55 after 1960: Knipton Reservoir, 1979, D.G. Goddard, Leics Museum
- ** Last VC55: Birstall Gravel Pits, 1982, D.A. Lott, Leics Museum
- 1979 (Knipton Reservoir, D.G. Goddard, Leics Museum)
- 1981 (Asfordby, D.G. Goddard, LRERC)
- 1981 (Mountsorrel, D.G. Goddard, LRERC)
- 1982 (R Chater, D.G. Goddard, LRERC)

***Mecomma (Mecomma) ambulans* (Fallén, 1807)**

Number of records = 38, Number of tetrads = 24

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): occasional? May be declining

Habitat: rank vegetation in damp grassland and meadows; also woodland clearings and margins

Associated plant(s): rushes (*Juncus*) and sedges (*Carex*)

Records:

- * First VC55: Charley, Pre-1907, J. Stanyon, VCH
- * First VC55: Grace Dieu, Pre-1907, [-], VCH
- * First VC55 after 1960: Beacon Hill, 1963, H.A.B. Clements, Leics Museum
- ** Last VC55: Great Merrible, 2022, A. Cann, NatureSpot

***Mecomma (Globicellus) dispar* (Boheman, 1852)**

Number of records = 4, Number of tetrads = 4

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: local, mainly N and W part of Britain

VC55 status (provisional): no recent records, rare/declining?

Habitat: rank vegetation in a range of habitats including marshes and sandy sites

Records:

- * First VC55: Aylestone, Pre-1865, T.A. Marshall, Douglas & Scott
- * First VC55: Leicester, 1865, T.A. Marshall, Douglas & Scott
- * First VC55 after 1960: Long Whatton, 1963, I.M. Evans, Leics Museum
- ** Last VC55: Shepshed, 1964, H.A.B. Clements, Leics Museum

***Heterotoma planicornis* (Pallas, 1772)**

Number of records = 310, Number of tetrads = 103

ID difficulty: **GREEN** (relatively easy; unlikely to be confused with other species)

National status: very common

VC55 status (provisional): very common

Habitat: various

Associated plant(s): Nettle (*Urtica dioica*), plus other herbaceous and woody plants

Records:

- * First VC55: Leicestershire, Pre-1907, [-], VCH
- * First VC55 after 1960: Charwood Lodge, 1962, H.A.B. Clements, C&E 1973
- ** Last VC55: Moira, 2023, S. Timms

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Heterocordylus (Heterocordylus) genistae (Scopoli, 1763)***

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): no recent records; rare; host plant v rare in VC55

Habitat: grasslands, meadows, verges, heaths and open woodland

Associated plant(s): Dyers Greenweed (*Genista tinctoria*)

Records:

* First VC55: Oakley/Piper Woods, 1963, H.A.B. Clements, Leics Museum

[Note: a specimen in Leicestershire Museum's collection (H.A.B. Clements, from Broom at the Outwoods 1963) is labelled as *Heterocordylus genistae* and listed as such in C&E, but has been redetermined to *H tibialis*]

Heterocordylus (Heterocordylus) tibialis (Hahn, 1833)

Number of records = 6, Number of tetrads = 4

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): occasional?

Habitat: heathland and other habitats with Broom

Associated plant(s): Broom (*Cytisus scoparius*)

Records:

* First VC55: The Outwoods, 1963, H.A.B. Clements, Leics Museum [Note: this specimen was labelled in error as *H genistae*, and listed as such in C&E]

** Last VC55: Newtown Linford, 2023, S. Timms, NatureSpot

1985; 1991 (Leicester, J. Owen, Ecol. of a garden)

2019; 2020 (Fosse Meadows, G. Calow, NatureSpot)

Cyllecoris histrionius (Linnaeus, 1767)

Number of records = 53, Number of tetrads = 38

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): frequent

Habitat: broadleaved woodlands and other arboreal habitats

Associated plant(s): Oak (*Quercus*)

Records:

* First VC55: Ulverscroft, Pre-1907, [-], VCH

* First VC55 after 1960: Oakley Wood, 1960, I.M. Evans, Leics Museum

** Last VC55: Watermead, 2023, D. Nicholls, NatureSpot

Malacocoris chlorizans (Panzer, 1794)

Number of records = 34, Number of tetrads = 23

Delicate Apple Capsid

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): occasional?

Habitat: broadleaved/mixed woodland and hedgerows

Associated plant(s): especially Hazel (*Corylus avellana*)

Records:

* First VC55: Narborough, Pre-1907, [-], VCH

* First VC55 after 1960: Buddon Wood, 1983, D.A. Lott, Terr.Het.cards

** Last VC55: Cropston, 2023, K. Nightingale

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Pseudoloxops coccineus* (Meyer-Dür, 1843)**

Number of records = 7, Number of tetrads = 6

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: widely scattered

VC55 status (provisional): uncommon

Habitat: broadleaved/mixed woodland and hedgerows; other habitats with ash

Associated plant(s): Ash (*Fraxinus excelsior*)

Records:

- * First VC55: R Soar, 1980, D.G. Goddard, Leics Museum
- ** Last VC55: Burbage Common, 2023, S. Timms, NatureSpot
- 1984 (Smeeton Westerby, D.A. Lott, Terr.Het.cards)
- 1998 (Leicester, J. Owen, Ecol.of a garden)
- 2013; 2014 (Whetstone, M. Skevington, NatureSpot)
- 2023 (Sapcote, G. Calow, NatureSpot)

***Platycranus (Genistocapsus) bicolor* (Douglas & Scott, 1868)**

Number of records = 8, Number of tetrads = 8

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): occasional; local

Habitat: heathland and other gorse habitats

Associated plant(s): Gorse (*Ulex*)

Records:

- * First VC55: Spring Wood, 1980, D. Budworth, NBN
- ** Last VC55: Burrough Hill, 2023, S. Timms
- 2018 (Altar Stones, S. Timms, NatureSpot)
- 2020 (Billa Barra, S. Timms, NatureSpot)
- 2021 (Newtown Linford, S. Timms, LRERC)
- 2023 (Bagworth, S. Timms)
- 2023 (Holwell, S. Timms, NatureSpot)
- 2023 (New Lount, S. Timms, NatureSpot)

***Fieberocapsus flaveolus* (Reuter, 1870)**

Number of records = 1, Number of tetrads = 1

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: widely scattered

VC55 status (provisional): rare; one record

Habitat: grass tussocks, marsh, wet woodland

Associated plant(s): Tufted Hair-grass (*Deschampsia cespitosa*)

Records:

- * First VC55: Knipton Reservoir, 1979, D.G. Goddard, Leics Museum

***Blepharidopterus angulatus* (Fallén, 1807)**

Number of records = 83, Number of tetrads = 51

Black-Kneed Apple Capsid

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: very common

VC55 status (provisional): very common

Habitat: broadleaved/mixed woodland and other arboreal habitats

Associated plant(s): deciduous trees

Records:

- * First VC55: Evington Brook, Pre-1907, [-], VCH
- * First VC55: Swithland, Pre-1907, J. Stanyon, VCH
- * First VC55 after 1960: Beacon Hill, 1963, H.A.B. Clements, Leics Museum
- ** Last VC55: Kirby Muxloe, 2023, S. Timms

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Blepharidopterus diaphanus* (Kirschbaum, 1856)**

Number of records = 3, Number of tetrads = 2

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): no recent records, rare?

Habitat: any habitat with the host plant, including riparian

Associated plant(s): Willows (*Salix*) including White/Weeping [ref: *The Glasgow Naturalist* (online 2020) Volume 27, Part 2]

Records:

* First VC55: Leicestershire, Pre-1923, [-], Butler

** Last VC55: Loughborough Big Meadow, 1982, D.A. Lott, Leics Museum
1983 (Wymeswold, D.A. Lott, LRERC)

***Orthotylus (Pseudorthotylus) bilineatus* (Fallén, 1807)**

Number of records = 4, Number of tetrads = 3

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: widely scattered

VC55 status (provisional): no recent records; rare?

Habitat: damp broadleaved woodlands, hedgerows and riparian habitats

Associated plant(s): poplars including Aspen and Grey Poplar (*Populus tremula* and *Populus x canescens*)

Records:

* First VC55: Leicester, Pre-1865, T.A. Marshall, Douglas & Scott

* First VC55 after 1960: Buddon Wood, 1982, D.A. Lott, Leics Museum

** Last VC55: Normanton le Heath, 1989, D.A. Lott, Leics Museum
1983 (Lockington Marshes, D.G. Goddard, LRERC)

***Orthotylus (Litocoris) ericetorum* (Fallén, 1807)**

Number of records = 9, Number of tetrads = 8

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): locally common

Habitat: heathland

Associated plant(s): Heather (*Calluna vulgaris*)

Records:

* First VC55: Bradgate, Pre-1907, [-], VCH

* First VC55 after 1960: Ulverscroft, 1968, H.A.B. Clements, C&E 1973

** Last VC55: Newfield Colliery, 2023, S. Timms
1966 (Charnwood Lodge, H.A.B. Clements, Leics Museum)
1983 (Buddon Wood, D.A.Lott, Leics Museum)
1984 (High Sharpley, D.A. Lott, Leics Museum)
2021 (Bagworth, S. Timms, NatureSpot)
2023 (Hicks Lodge, S. Timms, NatureSpot)
2023 (Overseal, S. Timms, NatureSpot)

***Orthotylus (Orthotylus) tenellus* (Fallén, 1807)**

Number of records = 6, Number of tetrads = 5

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: widely scattered

VC55 status (provisional): uncommon

Habitat: broadleaved/mixed woodland and hedgerows

Associated plant(s): Oak (*Quercus*), Ash (*Fraxinus excelsior*), Hazel (*Corylus avellana*)

Records:

* First VC55: Edith Weston, 1999, P. Kirby, LRERC

** Last VC55: Cotesbach, 2023, A. Cann, NatureSpot
1999 (Edith Weston, P. Kirby, LRERC)
2011 (Mountsorrel Quarry, A. Godfrey, LRERC)
2020 (Sapcote, G. Calow, NatureSpot)
2023 (Cotesbach, A. Cann, NatureSpot)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Orthotylus (Melanotrichus) flavosparsus* (C.R. Sahlberg, 1841)**

Number of records = 7, Number of tetrads = 7

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): uncommon

Habitat: any suitable habitat with the host plants

Associated plant(s): Goosefoot family (Chenopodiaceae) including Fat-hen (*Chenopodium album*) etc.

Records:

* First VC55: Loughborough, 1982, D.A. Lott, Leics Museum

** Last VC55: Ratby, 2022, D. Nicholls, NatureSpot

1982; 1983 (Barrow gravel pits, D.A. Lott, LRERC)

1992 (Leicester, J. Owen, Ecol.of a garden)

2021 (Whetstone, M. Skevington, NatureSpot)

2022 (Wymeswold, S. Gray, NatureSpot)

***Orthotylus (Orthotylus) viridinervis* (Kirschbaum, 1856)**

Number of records = 2, Number of tetrads = 2

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): rare? May be under-recorded

Habitat: broadleaved/mixed woodlands, hedgerows and other habitats with the host plants

Associated plant(s): Wych Elm (*Ulmus glabra*) and Lime (*Tilia*)

Records

* First VC55: New Lount, 2012, D. Budworth, DaNES

** Last VC55: Nailstone Wiggs, 2023, S. Timms, NatureSpot

Orthotylus (Orthotylus) marginalis* Reuter, 1883*Dark Green Apple Capsid**

Number of records = 44, Number of tetrads = 31

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: very common

VC55 status (provisional): common

Habitat: damp broadleaved/mixed woodland, hedgerows and riparian habitats

Associated plant(s): willows and sallows (*Salix*); sometimes currants (*Ribes*) and Sloe (*Prunus spinosa*)

Records:

* First VC55: Bradgate, Pre-1907, [-], VCH

* First VC55 after 1960: Knipton Reservoir, 1979, D.G. Goddard, Leics Museum

** Last VC55: Launde Park Wood, 2023, A. Cann, NatureSpot

***Orthotylus (Orthotylus) flavinervis* (Kirschbaum, 1856)**

Number of records = 3, Number of tetrads = 3

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): rare?

Habitat: broadleaved/mixed woodland, hedgerows and riparian habitats

Associated plant(s): Alder (*Alnus*) and Sycamore (*Acer pseudoplatanus*)

Records:

* First VC55: Leicester, 1984, D.H. Hall-Smith, Leics Museum

** Last VC55: Whetstone, 2021, M. Skevington, NatureSpot

2008 (K.N.A. Alexander, Measham, DaNES)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Orthotylus (Orthotylus) nassatus (Fabricius, 1787)***

Number of records = 6, Number of tetrads = 5

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): uncommon

Habitat: broadleaved woodland, hedgerows and riparian habitats

Associated plant(s): Oak (*Quercus*), Lime (*Tilia*), Ash (*Fraxinus excelsior*); sometimes willow (*Salix*)

Records:

- * First VC55: Quorn, 1984, D.A. Lott, Leics Museum
- ** Last VC55: Thornton, 2023, S. Timms, NatureSpot
- 1999 (Edith Weston, P. Kirby, LRERC)
- 1999 (Ketton, P. Kirby, LRERC)
- 2012 (Narborough, S.A. Lane, NBN)
- 2023 (Leicester, H. Graves, NatureSpot)

Orthotylus (Orthotylus) ochrotrichus Fieber, 1864

Number of records = 15, Number of tetrads = 11

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: very common

VC55 status (provisional): occasional, under-recorded?; few confirmed records

Habitat: hedgerows, woodland margins, verges and other habitats with nettles

Associated plant(s): Nettle (*Urtica dioica*), trees especially Elm (*Ulmus*)

Records:

- * First VC55: Bradgate, Pre-1907, J. Stanyon, VCH
- * First VC55 after 1960: Swithland Reservoir, 1983, D.A. Lott, Terr.Het.cards
- ** Last VC55: Barrow upon Soar, 2007, D.A. Lott, Leics Museum
- 1983 (Swithland Reservoir, D.A. Lott, Leics Museum)
- 1983 (The Drift, D.A. Lott, Terr.Het.cards)
- 1984 - 1986 (Leicester, J. Owen, Ecol.of a garden)
- 1984 (Barrow gravel pits, D.A. Lott, Leics Museum)
- 1984 (Smeeton Westerby, D.A. Lott, Terr.Het.cards)
- 1984 (Stanford Reservoir, D.A. Lott, Leics Museum)
- 1987 (Clipsham, P. Kirby, National database)
- 1999 (Edith Weston, P. Kirby, LRERC)
- 1999 (Ketton, P. Kirby, LRERC)

Orthotylus (Pachylops) adenocarpus (Perris, 1857)

Number of records = 3, Number of tetrads = 2

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): few recent confirmed records; rare/under-recorded?

Habitat: heathland and other habitats with broom

Associated plant(s): Broom (*Cytisus scoparius*)

Records:

- * First VC55: Leicester, 1993, J. Owen, Ecol.of a garden
- ** Last VC55: Asfordby Hill, ironworks, 2009, D. Clements, LRERC
- 1999 (Leicester, J. Owen, Ecol.of a garden)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Orthotylus (Pachylops) virescens* (Douglas & Scott, 1865)**

Number of records = 12, Number of tetrads = 8

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: very common

VC55 status (provisional): locally frequent

Habitat: heathland and other habitats with Broom

Associated plant(s): Broom (*Cytisus scoparius*)

Records:

- * First VC55: Anstey, Pre-1907, [-], VCH
- * First VC55 after 1960: Leicester, 1985, J. Owen, Ecol.of a garden
- ** Last VC55: Rawdon East, 2023, S. Timms, NatureSpot
- 1986; 1988; 1993 (Leicester, J. Owen, Ecol.of a garden)
- 1987 (Markfield, B.S. Nau, National database)
- 2014 (Newbold/Lount, D. Budworth, DaNES)
- 2023 (Bagworth, S. Timms, NatureSpot)
- 2023 (Cropston, K. Nightingale)
- 2023 (Hicks Lodge, S. Timms, NatureSpot)
- 2023 (Newtown Linford, S. Timms, NatureSpot)

***Brachynotocoris puncticornis* Reuter, 1880**

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: not known

VC55 status (provisional): rare

Habitat: Ash

Associated plant(s): Ash (*Fraxinus excelsior*)

Records:

- * First VC55: Anstey, M. Higgott, 2023

Miridae (Phylinae – Pilophorini)

A small tribe of ant-like bugs, which feed on aphids and other small insects. They have characteristic bands of pale hairs across the forewings. They are mainly found in southern Britain, but may be becoming commoner in VC55.



Pilophorus perplexus (AC)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Pilophorus perplexus* Douglas & Scott, 1875**

Number of records = 13, Number of tetrads = 9

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: Local

VC55 status (provisional): occasional

Habitat: broadleaved/mixed woodland and hedgerows

Associated plant(s): especially Oak (*Quercus*)

Records:

- * First VC55: Donington Park, 1983, D.G. Goddard, LRERC
- ** Last VC55: Cropston, 2023, K. Nightingale
- 1985; 1986; 1990; 2001 (Leicester, J. Owen, Ecol.of a garden)
- 1989 (Normanton le Heath, D.A. Lott, Leics Museum)
- 2013 (Sapcote, G. Calow, NatureSpot)
- 2017; 2018 (Anstey, M. Higgott, NatureSpot)
- 2020 (Harby Hills, A. Semper, NatureSpot)
- 2021 (Whetstone, M. Skevington, NatureSpot)
- 2023 (Holwell, A. Cann, NatureSpot)

***Pilophorus clavatus* (Linnaeus, 1767)**

Number of records = 2, Number of tetrads = 2

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: local

VC55 status (provisional): rare?

Habitat: damp broadleaved/mixed woodland and riparian habitats

Associated plant(s): willows (*Salix*)

Records:

- * First VC55: Bagworth, 2021, A. Cann, NatureSpot
- ** Last VC55: Cloud Hill quarry, 2023, S. Timms, NatureSpot

***Pilophorus cinnamopterus* (Kirschbaum, 1856)**

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): one recent record; rare?

Habitat: Scots Pine

Associated species: Scots Pine (*Pinus sylvestris*)

Records:

- * First VC55: Barkby Thorpe, 2010, M. Telfer, LRERC

Miridae (Phylinae – Phylini)

A large group of mainly small bugs, often coloured reddish, brown, grey, orange and yellow. It includes the very difficult *Psallus* genus, many species of which require male dissection to identify.

Harpocera thoracica (AC) left
Psallus perrisi (AC) right



Oncotylus (Oncotylus) viridiflavus (Goeze, 1778)

Number of records = 51, Number of tetrads = 28

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)
National status: widely scattered
VC55 status (provisional): locally frequent
Habitat: grasslands, meadows, hedgerows, verges and brownfield sites
Associated plant(s): Knapweed (*Centaurea nigra*)

Records:

- * First VC55: Thorpe Satchville, 1983, D.G. Goddard, Leics Museum
- ** Last VC55: Ketton Quarry, 2023, S. Timms

Harpocera thoracica (Fallén, 1807)

Number of records = 140, Number of tetrads = 60

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)
National status: very common
VC55 status (provisional): common
Habitat: broadleaved/mixed woodland, hedgerows, Oak
Associated plant(s): Oak (*Quercus*)

Records:

- * First VC55: Benscliffe, Pre-1907, [-], VCH
- * First VC55 after 1960: Bradgate Park, 1962, J. Crocker, C&E 1973
- ** Last VC55: Charley, 2023, A. Cann, NatureSpot
- ** Last VC55: Chamwood Lodge, 2023, A. Cann, NatureSpot

Conostethus venustus (Fieber, 1858)

Number of records = 2, Number of tetrads = 2

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)
National status: Mediterranean, 2010. N England
VC55 status (provisional): rare
Habitat: early successional habitats with bare ground
Associated plant(s): mayweeds (*Matricaria/Tripleurospermum*. etc.)

Records:

- * First VC55: Desford, 2018, J. Flanagan, National database
- ** Last VC55: Stretton en le Field, 2022, P. Smith, NatureSpot

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Plagiognathus (Plagiognathus) arbustorum* (Fabricius, 1794)**

Number of records = 571, Number of tetrads = 150

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: very common

VC55 status (provisional): very common

Habitat: any habitat with nettles

Associated plant(s): especially Nettle (*Urtica dioica*)

Records:

* First VC55: Leicester, Pre-1907, [-], VCH

* First VC55 after 1960: Shepshed, 1963, H.A.B. Clements, Leics Museum

** Last VC55: Ratby, 2023, D. Nicholls, NatureSpot

***Plagiognathus (Plagiognathus) chrysanthemi* (Wolff, 1804)**

Number of records = 54, Number of tetrads = 38

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: very common

VC55 status (provisional): common

Habitat: grasslands, wastelands and arable fields

Associated plant(s): Asteraceae, especially Ragwort (*Jacobaea*) and Yarrow (*Achillea millefolium*)

Records:

* First VC55: Leicestershire, Pre-1907, [-], VCH

* First VC55 after 1960: Holwell Mouth, 1963, H.A.B. Clements, Leics Museum

** Last VC55: Donisthorpe, 2023, S. Timms

***Orthonotus rufifrons* (Fallén, 1807)**

Number of records = 9, Number of tetrads = 7

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): rare?

Habitat: favours nettle patches in damp woodlands

Associated plant(s): Nettle (*Urtica dioica*)

Records:

* First VC55: Quorn, 1982, D.A. Lott, Leics Museum

** Last VC55: Cropston, 2020, K. Nightingale, iRecord

1982; 1985 (Quorn, D.A. Lott, Leics Museum)

1984 (Barrow gravel pits, D.A. Lott, Leics Museum)

1984 (Swithland Reservoir, D.A. Lott, Terr.Het.cards)

1987 (Croxtan Park, D.A. Lott, Leics Museum)

1999 (Edith Weston, P. Kirby, LRERC)

2017 (Sapcote, G. Calow, NatureSpot)

***Hoplomachus thunbergii* (Fallén, 1807)**

Number of records = 2, Number of tetrads = 1

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: local

VC55 status (provisional): rare

Habitat: dry grasslands

Associated plant(s): Mouse-ear Hawkweed (*Pilosella officinarum*)

Records:

* First VC55: Leicestershire, Pre-1923, [-], Butler

* First VC55 after 1960: Ellistown, 2014, S.A. Lane, LRERC

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Tyffhus pygmaeus* (Zetterstedt, 1838)**

Number of records = 1, Number of tetrads = 1

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: local

VC55 status (provisional): rare?

Habitat: damp, marshy habitats

Records:

* First VC55: Bagworth, 2021, A. Cann, NatureSpot

***Amblytylus nasutus* (Kirschbaum, 1856)**

Number of records = 17, Number of tetrads = 12

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): occasional

Habitat: dry grasslands and wastelands

Associated plant(s): grasses (Poaceae) including meadow-grass (*Poa*)

Records:

* First VC55: Hinckley, 1978, [-], LRERC/H&DNHS

** Last VC55: Priors Coppice, 2023, A. Cann, NatureSpot

***Lopus decolor* (Fallén, 1807)**

Number of records = 17, Number of tetrads = 15

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): occasional

Habitat: dry grasslands

Associated plant(s): grasses (Poaceae)

Records:

* First VC55: Gopsall, 1951, G.B. Ryle, LRERC

* First VC55 after 1960: The Drift, 1983, D.A. Lott, Leics Museum

** Last VC55: Moira, 2023, S. Timms

***Macrotylus (Alloeonycha) paykulli* (Fallén, 1807)**

Number of records = 2, Number of tetrads = 2

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: widely scattered

VC55 status (provisional): rare? Host plant is scarce in VC55, east of area

Habitat: dry grassy habitats with calcareous soils including meadows and verges

Associated plant(s): Common Restharrow (*Ononis repens*)

Records:

* First VC55: Holwell, 2023, A. Cann, NatureSpot

** Last VC55: Ketton, 2023, A. Cann, NatureSpot

***Macrotylus (Alloeonycha) horvathi* (Reuter, 1876)**

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: 2006. well-established S England

VC55 status (provisional): rare?

Habitat: woodland margins, hedgerows and verges

Associated plant(s): Black Horehound (*Ballota nigra*)

Records:

* First VC55: Quarry Farm, near Stamford, 2021, S.A. Lane, LRERC

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Macrotylus (Alloeonycha) solitarius (Meyer-Dür, 1843)***

Number of records = 10, Number of tetrads = 8

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: local

VC55 status (provisional): occasional?

Habitat: hedgerows and woodland margins

Associated plant(s): Hedge Woundwort (*Stachys sylvatica*)

Records:

- * First VC55: Gopsall, 1951, G.B. Ryle, LRERC
- * First VC55 after 1960: Barrow upon Soar, 1982, D.A. Lott, Leics Museum
- ** Last VC55: Bagworth, 2020, S. Timms, LRERC
- 1984 (Leicester, D.H. Hall-Smith, Leics Museum)
- 1984 (Stanford Reservoir, D.A. Lott, Terr.Het.cards)
- 1986 (The Drift, D.A. Lott, DaNES)
- 1992 (Leicester, J. Owen, Ecol.of a garden)
- 2018; 2020 (Bagworth, S. Timms, NatureSpot)

Asciodema obsoleta (Fieber, 1864)

Number of records = 15, Number of tetrads = 12

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): occasional

Habitat: heathland and other habitats with gorse or broom

Associated plant(s): Gorse (*Ulex*) and Broom (*Cytisus scoparius*)

Records:

- * First VC55: Ulverscroft, 1967, H.A.B. Clements, LRERC
- ** Last VC55: Rawdon East, 2023, S. Timms, NatureSpot

Megalocoleus molliculus (Fallén, 1807)

Number of records = 17, Number of tetrads = 11

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): occasional

Habitat: grasslands

Associated plant(s): Yarrow (*Achillea millefolium*)

Records:

- * First VC55: Asfordby, 1978, [-], NELCS/LRERC
- ** Last VC55: Hicks Lodge, 2023, S. Timms

Atractotomus mali (Meyer-Dür, 1843)

Number of records = 25, Number of tetrads = 18

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): occasional

Habitat: hedgerows, orchards, gardens and other habitats with the host plant

Associated plant(s): Apple (*Malus*) and Hawthorn (*Crataegus*)

Records:

- * First VC55: Ulverscroft, Pre-1907, J. Stanyon, VCH
- * First VC55 after 1960: Ulverscroft, 1967, H.A.B. Clements, Leics Museum
- ** Last VC55: Ratby, 2023, D. Nicholls, NatureSpot

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Atractotomus magnicornis* (Fallén, 1807)**

Number of records = 7, Number of tetrads = 4

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): no recent records, rare?

Habitat: coniferous/mixed woodland and parkland

Associated plant(s): Norway Spruce (*Picea abies*)

Records:

* First VC55: Ulverscroft, 1967, H.A.B. Clements, Leics Museum

** Last VC55: Edith Weston, 1999, P. Kirby, LRERC

** Last VC55: Ketton, 1999, P. Kirby, LRERC

1983; 1984 (Swithland Reservoir, D.A. Lott, Leics Museum)

1987 (Croxtton Park, D.A. Lott, Leics Museum)

***Phoenicocoris obscurellus* (Fallén, 1829)**

Number of records = 2, Number of tetrads = 2

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): few recent records; rare/under-recorded?

Habitat: coniferous/mixed woodland and parkland

Associated plant(s): Scots Pine (*Pinus sylvestris*)

Records:

* First VC55: Narborough, 2012, S.A. Lane, NBN

** Last VC55: Newtown Linford, 2023, S. Timms, NatureSpot

***Plesiodema pinetella* (Zetterstedt, 1828)**

Number of records = 2, Number of tetrads = 2

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: local

VC55 status (provisional): uncommon; possibly overlooked

Habitat: coniferous/mixed woodland and parkland

Associated plant(s): Scots Pine (*Pinus sylvestris*)

Records:

* First VC55: Glenfield, 2019, S. Timms, NatureSpot

** Last VC55: Bagworth, 2023, S. Timms, NatureSpot

***Europiella artemisiae* (Becker, 1864)**

Number of records = 6, Number of tetrads = 6

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): occasional? Probably under-recorded

Habitat: hedgerows, verges and wasteland

Associated plant(s): Mugwort (*Artemisia vulgaris*)

Records:

* First VC55: Castle Donington, 1984, D.A.Lott, Leics Museum

** Last VC55: Nailstone Wiggs, 2023, S. Timms, NatureSpot

2008 (Measham, K.N.A. Alexander, LRERC)

2021 (Quarry Farm, near Stamford, S.A. Lane, LRERC)

2023 (Bagworth, S. Timms, NatureSpot)

2023 (Donisthorpe, S. Timms, NatureSpot)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Phylus (Phylus) melanocephalus* (Linnaeus, 1767)**

Number of records = 36, Number of tetrads = 25

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common - combined with former species *P. palliceps*.

VC55 status (provisional): frequent

Habitat: broadleaved/mixed woodland, hedgerows and other Oak habitats

Associated plant(s): Oak (*Quercus*)

Records (includes *P palliceps*):

* First VC55: Swithland Wood, Pre-1907, [-], VCH

* First VC55 after 1960: The Outwoods, 1963, H.A.B. Clements, Leics Museum

** Last VC55: Thornton, 2023, S. Timms

***Phylus (Phylus) coryli* (Linnaeus, 1758)**

Number of records = 19, Number of tetrads = 16

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: common

VC55 status (provisional): occasional

Habitat: broadleaved/mixed woodland and hedgerows

Associated plant(s): Hazel (*Corylus avellana*)

Records:

* First VC55: Leicestershire, Pre-1923, [-], Butler

* First VC55 after 1960: Oakley Wood, 1966, H.A.B. Clements, Leics Museum

** Last VC55: Thornton, 2023, S. Timms, NatureSpot

***Compsidolon (Coniortodes) salicellum* (Herrich-Schäffer, 1841)**

Number of records = 16, Number of tetrads = 15

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): occasional

Habitat: broadleaved/mixed woodland, hedgerows, riparian habitats and possibly orchards

Associated plant(s): trees including Hazel (*Corylus avellana*), Alder (*Alnus*), Sallow (*Salix*) and Apple (*Malus*). Aggregations on Bramble heads (*Rubus fruticosus*) in August and September

Records:

* First VC55: Ulverscroft, Pre-1907, [-], VCH

* First VC55 after 1960: Swithland Wood, 1982, D.A. Lott, Leics Museum

** Last VC55: Loughborough, 2023, M. Higgott, NatureSpot

***Salicarus (Salicarus) roseri* (Herrich-Schäffer, 1838)**

Number of records = 14, Number of tetrads = 9

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): one recent record; rare?

Habitat: deciduous trees in wet/damp habitats including riparian

Associated plant(s): willows (*Salix*)

Records:

* First VC55: Lockington Marshes, 1980, D.G. Goddard, Leics Museum

** Last VC55: Narborough Bog, 2010, D. Gould, NatureSpot

1980 (R Soar, 2 locations D.G. Goddard, Leics Museum)

1981 (Dunton Bassett, D.G. Goddard, LRERC)

1983 (Barrow upon Soar, D.A. Lott, Leics Museum)

1984 (Barrow gravel pits, D.A. Lott, Leics Museum)

1984, 1985 (Lockington Marshes, D.A. Lott, Terr.Het.cards)

1984 (Saddington Reservoir, D.A. Lott, Terr.Het.cards)

1984 (Smeeton Westerby, D.A. Lott, Terr.Het.cards)

1984 (Stanford Reservoir, 2 locations, D.A. Lott, Terr.Het.cards)

1984 (Wymeswold, D.A. Lott, Terr.Het.cards)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Sthenarus rotermundi* (Scholtz, 1847)**

Number of records = 9, Number of tetrads = 7

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: widely scattered

VC55 status (provisional): few recent records, may be uncommon and local

Habitat: damp broadleaved woodlands, hedgerows and riparian habitats

Associated plant(s): White and Grey Poplars (*Populus alba*, *P x canescens*)

Records:

- * First VC55: Leicester, Pre-1892, T.A. Marshall, Saunders
- * First VC55 after 1960: Swithland Reservoir, 1983, D.A. Lott, Leics Museum
- ** Last VC55: Albert Village, 2023, S. Timms, NatureSpot
- Pre-1907 (Newtown Linford, J. Stanyon, VCH)
- 1984 (Barrow gravel pits, D.A. Lott, Leics Museum)
- 2013 (Scapcote, G. Calow, NatureSpot)
- 2023 (Cloud Hill quarry, S. Timms, NatureSpot)
- 2023 (Loughborough, S. Timms, NatureSpot)

***Psallus (Psallus) haematodes* (Gmelin, 1790)**

Number of records = 10, Number of tetrads = 8

ID difficulty: **AMBER** (care needed, good photos needed for verification; some confusion species)

National status: widely scattered

VC55 status (provisional): uncommon?

Habitat: damp broadleaved/mixed woodland, hedgerows and riparian

Associated plant(s): willows and sallows (*Salix*)

Records:

- * First VC55: Swithland Reservoir, 1983, D.A. Lott, Terr.Het.cards
- ** Last VC55: Cloud Hill quarry, 2023, S. Timms, NatureSpot
- 1983 (Barrow gravel pits, D.A. Lott, LRERC)
- 1984 (Swithland Reservoir, D.A. Lott, Leics Museum)
- 1987 (Clipsham, P. Kirby, National database)
- 1987 (Markfield, B.S. Nau, National database)
- 1987 (Thistleton Gullet, P. Kirby, National database)
- 2000 (Leicester, J. Owen, Ecol.of a garden)
- 2023 (Cotesbach, A. Cann, NatureSpot)

***Psallus (Psallus) flavellus* Stichel, 1933**

Number of records = 7, Number of tetrads = 5

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): few recent records; rare/under-recorded?

Habitat: broadleaved/mixed woodland, hedgerows; other habitats with Ash

Associated plant(s): Ash (*Fraxinus excelsior*)

Records:

- * First VC55: Swithland Reservoir, 1983, D.A. Lott, Leics Museum
- ** Last VC55: Quarry Farm, near Stamford, 2021, S.A. Lane, LRERC
- 1984 (Barrow gravel pits, D.A. Lott, Leics Museum)
- 1984 (Swithland Reservoir, D.A. Lott, Leics Museum)
- 1985 (Quorn, D.A.Lott, Terr.Het.cards)
- 1996 (Leicester, J. Owen, Ecol.of a garden)
- 1999 (Edith Weston, P. Kirby, LRERC)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Psallus (Psallus) lepidus (Fieber, 1858)***

Number of records = 19, Number of tetrads = 12

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): few recent records; rare/under-recorded?

Habitat: broadleaved/mixed woodland, hedgerows

Associated plant(s): Ash (*Fraxinus excelsior*)

Records:

- * First VC55: Newton Harcourt, Pre-1907, J. Stanyon, VCH
- * First VC55 after 1960: Stanford Reservoir, 1983, B.S. Nau, LRERC
- ** Last VC55: Quarry Farm, near Stamford, 2021, S.A. Lane, LRERC

Psallus (Psallus) falleni Reuter, 1883

Number of records = 2, Number of tetrads = 3

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): few recent records; rare/under-recorded?

Habitat: broadleaved/mixed woodland and other habitats with birch

Associated plant(s): Birch (*Betula*)

Records:

- * First VC55: Bardon Hill, Pre-1907, [-], VCH
- * First VC55 after 1960: Leicester, 1989, J. Owen, Ecol.of a garden

Psallus (Psallus) salicis (Kirschbaum, 1856)

Number of records = 3, Number of tetrads = 2

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): few recent records; rare/under-recorded?

Habitat: broadleaved/mixed woodlands and damp/riparian habitats

Associated plant(s): Birch (*Betula*), Alder (*Alnus*) and Willow (*Salix*)

Records:

- * First VC55: Leicester, Pre-1907, [-], VCH
- * First VC55 after 1960: Barrow upon Soar, 1983, D.A. Lott, Leics Museum
- ** Last VC55: Harston, 1983, B.S. Nau, LRERC

Psallus (Psallus) confusus Rieger, 1981

Number of records = 4, Number of tetrads = 4

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: very common

VC55 status (provisional): few recent records; rare/under-recorded?

Habitat: broadleaved/mixed woodlands and other Oak habitats

Associated plant(s): Oak (*Quercus*)

Records:

- * First VC55: Barrow gravel pits, 1984, D.A. Lott, Leics Museum
- ** Last VC55: Oakham, 2023, A. Cann, NatureSpot
1987 (Clipsham, P. Kirby, National database)
1988 (Leicester, J. Owen, Ecol.of a garden)

Psallus (Psallus) mollis (Mulsant & Rey, 1852)

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: Local

VC55 status (provisional): one recent record; rare/under-recorded?

Habitat: broadleaved/mixed woodland, hedgerows, orchards, damp and riparian habitats

Associated plant(s): Beech (*Fagus sylvatica*), Oak (*Quercus*), Poplar (*Populus*), Aspen (*Populus tremula*), Apple (*Malus*)

Records:

- * First VC55: Broughton Astley, 2023, A. Poole, NatureSpot

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Psallus (Psallus) varians* (Herrich-Schäffer, 1841)**

Number of records = 39, Number of tetrads = 30

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: very common

VC55 status (provisional): common

Habitat: broadleaved/mixed woodland, hedgerows

Associated plant(s): Oak (*Quercus*)

Records:

* First VC55: Bardon Hill, Pre-1907, [-], VCH

* First VC55 after 1960: Buddon Wood, 1983, D.A. Lott, Terr.Het.cards

** Last VC55: Priors Coppice, 2023, A. Cann, NatureSpot

***Psallus (Apocremnus) betuleti* (Fallén, 1826)**

Number of records = 3, Number of tetrads = 3

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): no recent records; rare/may be overlooked?

Habitat: broadleaved/mixed woodland

Associated plant(s): Birch (*Betula*)

Records:

* First VC55: Buddon, Pre-1907, F. Bouskell, VCH

* First VC55: Swithland Wood, Pre-1907. J. Stanyon, VCH

* First VC55 after 1960: Chamwood Lodge, 1964, H.A. B. Clements, C&E 1973 (unconfirmed)

***Psallus (Mesopsallus) ambiguus* (Fallén, 1807)**

Number of records = 21, Number of tetrads = 13

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): occasional

Habitat: broadleaved/mixed woodland, hedgerows and riparian habitats

Associated plant(s): deciduous trees including Hawthorn (*Crataegus*) Apple (*Malus*), Willow (*Salix*) and Alder (*Alnus*)

Records:

* First VC55: Leicestershire, Pre-1923, [-], Butler

* First VC55 after 1960: Barrow upon Soar, 1981, D.G. Goddard, Leics Museum

** Last VC55: Leicester, 2023, A. Cann, NatureSpot

***Psallus (Hylopsallus) perrisi* (Mulsant & Rey, 1852)**

Number of records = 10, Number of tetrads = 9

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: common

VC55 status (provisional): few recent records; rare/under-recorded?

Habitat: broadleaved/mixed woodland and hedgerows

Associated plant(s): Oak (*Quercus*) and Hawthorn (*Crataegus*)

Records:

* First VC55: Quorn, 1983, D.A. Lott, Leics Museum

** Last VC55: Croft Glebe, 2023, A. Cann, NatureSpot

1983 (Buddon Wood, D.A. Lott, Leics Museum)

1983 (Lubenham, B.S. Nau, LRERC)

1983 (Stoke Dry, B.S. Nau, LRERC)

1984 (Pickworth Great Wood, D.A. Lott, Leics Museum)

1998 (Leicester, J. Owen, Ecol.of a garden)

1999 (Edith Weston, P. Kirby, LRERC)

2015 (Battleflat, R. Wright, LRERC)

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Psallus (Hylopsallus) wagneri* Ossiannilsson, 1953**

Number of records = 6, Number of tetrads = 5

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): few recent records; rare/under-recorded?

Habitat: broadleaved/mixed woodland, hedgerows and other Oak habitats

Associated plant(s): Oak (*Quercus*)

Records:

* First VC55: Pickworth Great Wood, 1984, D.A. Lott, Leics Museum

** Last VC55: Blackfordby, 2022, A. Cann, NatureSpot

1999 (Edith Weston, P. Kirby, LRERC)

2018 (Leicester, A. Jukes, LRERC)

2022 (Ulverscroft, A. Cann, NatureSpot)

***Psallus (Hylopsallus) assimilis* Stichel, 1956**

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): one recent records; rare/unrecorded?

Habitat: broadleaved/mixed woodlands and hedgerows

Associated plant(s): Field Maple (*Acer campestre*); possibly Ash (*Fraxinus excelsior*)

Records:

* First VC55: Leicester, 1997, J. Owen, Ecol.of a garden

***Psallus (Hylopsallus) variabilis* (Fallén, 1807)**

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: local

VC55 status (provisional): no recent records

Habitat: any suitable habitat including broadleaved/mixed woodlands, hedgerows, orchards and riparian habitats

Associated plant(s): deciduous trees including willow (*Salix*) and Aspen (*Populus tremula*); also Oak (*Quercus*), Ash (*Fraxinus excelsior*), Hazel (*Corylus avellana*) and Apple (*Malus*)

Records:

* First VC55: Newton Harcourt, Pre-1907, [-], VCH

***Psallus (Phylidea) quercus* (Kirschbaum, 1856)**

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: local

VC55 status (provisional): no recent records

Habitat: broadleaved/mixed woodland, hedgerows and other Oak habitats

Associated plant(s): Oak (*Quercus*)

Records:

* First VC55: Leicester, Pre-1892, T.A. Marshall, Saunders

***Psallus (Pityopsallus) luridus* Reuter, 1878**

Number of records = 1, Number of tetrads = 1

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): few recent records; rare/under-recorded?

Habitat: coniferous/mixed woodland and plantations

Associated plant(s): Larch (*Larix*)

Records:

* First VC55: Shawell, 2016, A. Godfrey, LRERC

LESOPS 64: Terrestrial Heteroptera Provisional Checklist***Chlamydatus (Euattus) pullus* (Reuter, 1870)**

Number of records = 2, Number of tetrads = 2

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): rare?

Habitat: sparsely vegetated ground

Associated plant(s): pea family (Fabaceae)

Records:

*First VC55: Edith Weston, 1999, P. Kirby, LRERC

* Last VC55: Syston, 2011, R. Wright, LRERC

***Chlamydatus (Chlamydatus) saltitans* (Fallén, 1807)**

Number of records = 3, Number of tetrads = 3

ID difficulty: **RED** (detailed examination/dissection of specimen needed; similar confusion species)

National status: widely scattered

VC55 status (provisional): rare?

Habitat: sparsely vegetated ground

Associated plant(s): pea family (Fabaceae)

Records:

* First VC55: Leicestershire, Pre-1907, [-], VCH

* First VC55 after 1960: Edith Weston, 1999, P. Kirby, LRERC

** Last VC55: Anstey, 2021, M. Higgott, NatureSpot

Leicestershire & Rutland Entomological Society Occasional Publications Series (LESOPS)
covering

(a) detailed studies of insects and other invertebrates carried out by Society members and

(b) matters of historical entomological interest to VC55 Leicestershire & Rutland

Copyright remains with the author(s)

Editor: Ray Morris (ray@cactusbob.net)